जोधपुर नगर निगम–दक्षिण

कमांकः - न.नि.जो.-दक्षिण / चतुर्थ/विकास / 2022-23 / 1090

दिनांक:- 24 (11) 20 22

ः ई-निविदा सूचना ः

(UB No.)

नगर निगम जोधपुर—दक्षिण की और से निम्नलिखित कार्यो हेतु भारत सरकार एवं राज्य सरकार के विभिन्न विभागों / स्वायतशाषी / निगमों / बोर्डो / राजकीय उपक्रमों में पंजीकृत ए.०ए व ए. श्रेणी में पंजीकृत तथा नगर निगम जोधपुर में निर्धारित श्रेणी में पंजीकृत नियमानुसार योग्य संवेदको से निर्धारित प्रपत्र में ई—निविदाएं आमंत्रित की जाती है।

महत्वपूर्ण दिनांकों का विवरण

| विवरण | दिनांक | |
|--|--------------|----------|
| ऑन लाईन निविदा फार्म जमा कराना प्रारम्भ होने की दिनांक व समय | 02-12- 2022 | 12-30 Pm |
| ऑन लाईन निविदा फार्म जमा कराने की अन्तिम दिनांक व समय 🔔 | 13-12-2022/1 | 2.30PM |
| ऑन लाईन निविदा खोलने की तारीख | | O PH |
| निविदा शुल्क/धरोहर राशि की मूल प्रति अभियन्ता शाखा कार्यालय में जमा कराने की दिनांक व समयावधि | | 10 PM |

निविदा का विवरण निम्न प्रकार है :-

| क्रं.सं. | कार्य का नाम | कार्य की अनुमानित लागत (लाखों में) | घरोहर राशि | निविदा शुल्क | कार्य पूर्ण करने की अवधि |
|----------|---|---|------------|-----------------|--------------------------------|
| 1 | नगर निगम दक्षिण के वार्ड नं. संख्या 12 मे मैनहॉल फ्रेम, सीवर लाईन एवं अन्य मरम्मत कार्य (वार्षिक अनुबंध) | 5.00 | 10000/ | 500/- | 12 Month |
| 2 | नगर निगम दक्षिण के वार्ड नं. संख्या 13 मे मैनहॉल फ्रेम, सीवर लाईन एवं अन्य मरम्मत कार्य (वार्षिक अनुबंध) | 5.00 | 10000/ | 500/- | 12 Month |
| 3 | नगर निगम दक्षिण के वार्ड नं. संख्या 14 मे मैनहॉल फ्रेम, सीवर लाईन एवं अन्य मरम्मत कार्य (वार्षिक अनुबंध) | 5.00 | 10000/ | 500/- | 12 Month |
| 4 | नगर निगम दक्षिण के वार्ड नं. संख्या 15 मे मैनहॉल फ्रेम, सीवर लाईन एवं अन्य मरम्मत कार्य (वार्षिक अनुबंध) | 5.00 | 10000/ | 500/- | 12 Month |
| 5 | नगर निगम दक्षिण के वार्ड नं. संख्या 16 मे मैनहॉल फ्रेम, सीवर लाईन एवं अन्य मरम्मत कार्य (वार्षिक अनुबंध) | 5.00 | 10000/ | 500/- | 12 Month |
| 6 | नगर निगम दक्षिण के वार्ड नं. संख्या 17 मे मैनहॉल फ्रेम, सीवर लाईन एवं अन्य मरम्मत कार्य (वार्षिक अनुबंध) | 5.00 | 10000/ | 500/- | 12 Month |
| 7 | नगर निगम दक्षिण के वार्ड नं. संख्या 18 मे मैनहॉल फ्रेम, सीवर लाईन एवं अन्य मरम्मत कार्य (वार्षिक अनुबंध) | 5.00 | 10000/ | 500/- | 12 Month |
| 8 | नगर निगम दक्षिण के वार्ड नं. संख्या 19 मे मैनहॉल फ्रेम, सीवर लाईन एवं अन्य मरम्मत कार्य (वार्षिक अनुबंध) | 5.00 | 10000/ | 500/- | 12 Month |
| 9 | नगर निगम दक्षिण के वार्ड नं. संख्या 20 मे मैनहॉल फ्रेम, सीवर लाईन एवं अन्य मरम्मत कार्य (वार्षिक अनुबंध) | 5.00 | 10000/ | 500/- | 12 Month |
| 10 | नगर निगम दक्षिण के वार्ड नं. संख्या 21 मे मैनहॉल फ्रेम, सीवर लाईन एवं अन्य मरम्मत कार्य (वार्षिक अनुबंध) | 5.00 | 10000/ | 500/- | 12 Month |
| 11 | वार्ड संख्या 6 से 21 में विभिन्न स्थानों पर डामरीकरण का कार्य (वार्षिक अनुबंध) | 30.00 | 60000/- | 500/- | 12 Month |
| 12 | सडक मरम्मत कार्य | 10.00 | 20000/ | 500/- | 2 Month |
| 13 | वार्ड नं. 9 महादेव मन्दिर व विभिन्न स्थानों पर सीसी रोड व इन्टरलोकिंग सडक का कार्य | 20.00 | 40000/- | 500/- | 4 Month |
| 14 | वार्ड 20 में टेक्टर एसोसिएशन में डामर सडक कार्य | 10.65 | 21300/- | 500/- | 2 Month |

निविदा की महत्वपूर्ण शर्ते निम्नानुसार है :-

2 ई-निविदा की प्रकिया ऑन लाईन होगी।

¹ ई-निविदा प्रपत्रों को वेबसाईट http://eproc.rajasthan.gov.in से डाउनलोड किया जा सकता है। इन ई-निविदाओं में भाग लेने वाले संवेदको को निविदा को इलेक्ट्रोनिक फॉरमेट में वेबसाईट http://eproc.rajasthan.gov.in पर जमा करानी होगी।

- उ नगर निगम जोधपुर में पंजीकृत अथवा अन्य विभाग में पंजीकृत संवेदकों को भी अपने पंजीयन दस्तावेजों को संबंधित पंजीयन अधिकारी से रिव्यू करवा कर प्रस्तुत करना होगा। पंजीयन अथवा रिव्यू दस्तावेज निविदा जमा कराने की अंतिम तिथि पर दो वर्ष से अधिक पुराना होने पर मान्य पंजीयन के अभाव में निविदा निरस्त कर दी जाएगी।
- 4 ई-निविदा हेतु पात्र संवेदको की श्रेणी -

किसी भी सीमा तक - एए श्रेणी, संवेदक रूपये 300.00 लाख तक - ए, श्रेणी संवेदक रूपये 150.00 लाख तक - बी, श्रेणी संवेदक रूपये 50.00 लाख तक - सी, श्रेणी संवेदक रूपये 15.00 लाख तक - डी, श्रेणी संवेदक

5 ई-निविदा खोलने की तिथि को किसी कारणवंश यदि सम्पूर्ण निविदायें नहीं खोली जा सकती है, तो उसके अगले कार्य दिवस को शेष निविदायें खोलने का कार्य जारी रखा जावेगा।

6 ई-निविदा प्रकिया -

 कार्य
 पोटेशियल असेसमेंट
 पोस्ट क्वालीफिकेशन

 सडक
 100 लाख से 500 लाख तक
 500 लाख से 2000 लाख तक

 अन्य निर्माण कार्य
 100 लाख से 200 लाख तक
 200 लाख से 1000 लाख तक

7 निविदादाता द्वारा निविदा शुल्क, धरोहर राशि एवं प्रकिया शुल्क हेतु निम्नलिखित राशि कि मूल प्रति जोधपुर नगर निगम कार्यालय में नियमानुसार निविदा खोले जाने के समय से पूर्व जमा करवाना आवश्यक है। निम्नाकित कम सं. 3 के कॉलम सं. 5 में अंकित अनुसार किसी प्रकार की त्रुटी पाये जाने पर संवेदक की निविदा कॉपी निरस्त कर दी जायेगी।

| क्रं.सं. | शुल्क वितरण | शुल्क | भुगतान का प्रकार | देय |
|----------|------------------------------|---|--------------------------------|-----------------------------------|
| 1 | 2 | 3 | 4 | 44 |
| 1 | निविदा शुल्क | 500/- | डिमाण्ड ड्रॉफ्ट / बैंकर चैक | अायुक्त जोधपुर नगर निगम–दक्षिण |
| 2 | धरोहर रांशि | उपरोक्तानुसार | डिमाण्ड ड्रॉफ्ट / बैंकर चैक | आयुक्त जोधपुर नगर निगम–दक्षिण |
| 3 | ई–टेण्डरिंग प्रकिया शुल्क | 50 लाख एवं उपर 1000/— 50 लाख से नीचे 500/— | डिमाण्ड ड्रॉफ्ट / बैंकर चैक | MD RISL, JAIPUR |

नोट :— धरोहर राशि के रूप में कार्य की लागत की 2 प्रतिशत राशि जमा करवानी होगी, नियमानुसार निर्धारित श्रेणी में पंजीकृत संवेदकों को 0.5 प्रतिशत तक धरोहर राशि जमा करवाने के लिए छूट प्रदान की जाएगी।

8 प्रदत दरें निविदा खोलने की दिनांक से 90 दिवसों तक निविदा स्वीकृति हेतु मान्य (Vaild) रहेगी। यदि निविदाकर्ता उस अविध में अपनी निविदा अथवा शर्तो में किसी प्रकार का संशोधन करता है अथवा अपनी निविदा वापस ले लेता है, तो उसकी धरोहर राशि जब्त कर ली जावेगी।

9 यदि संवेदक के नजदीकी रिश्तेदार (प्रथम रक्त सम्बन्धी व उनके पित / पत्नी) कार्य से संबंधित अधीनस्थ कार्यालय में खण्डीय लेखाकार अथवा सहायक अभियन्ता से लेकर अधीक्षण अभियन्ता स्तर का किसी भी स्तर पर पदस्थापित हो, तो उसके कार्य पर नियुक्त करने पर प्रतिबन्ध रहेगा।

- 10 राज्य सरकार में किसी भी अभियांत्रिकी विभाग में किसी भी इंजीनियर अथवा इंजीनियर या प्रशासनिक कार्य पर नियुक्त राजपत्रित अधिकारी राज्य की अनुमित के बिना सेवा निवृति के 2 वर्ष तक संवेदक अथवा उसके कर्मचारी के रूप में कार्य नहीं कर सकेंगे। यदि संवेदक अथवा उसके कर्मचारियों में कोई ऐसा व्यक्ति जिसने राज्य सरकार की उक्त लिखित अनुमित निविदा जमा कराने से पहले अथवा संवेदक के यहां से सेवायें लेने से पहले अनुमित नहीं ली है, तो अनुबन्ध रद्द किया जा सकेगा।
- 11 किसी भी निविदा को स्वीकार करने एवं बिना कारण बताये निरस्त करने के समस्त अधिकार निम्नहस्ताक्षर कर्ता को रहेगा। RPWA 100 की समस्त शर्ते उस सीमा तक मान्य/लागु होगी जिस सीमा तक के राजस्थान लोक उपापन पारदर्शिता अधिनियम 2012 एवं नियम 2013 के विरोध में नहीं हो।
- 12 **उक्त आईटम की दोष निवारण अ**वधि राज्य **सरकार द्वारा निर्धारित नोर्म्स के अनुसार** होगी। निविदादाता को निविदा भरते समय साथ में निविदा शुल्क, धरोहर राशि, ई—टेण्डरिंग शुल्क Registration की प्रति को स्केन कर लगाना अनिवार्य है।
- 13 वित्त विभाग के आदेश संख्या एफ—(1)एफ.डी./जी.एफ. एण्ड ए.आर./2007 दिनांक 30.09.11 (सर्कुलर नं. 19/2011) के अनुसार 50.00 लाख रूपये तक की राशि के कार्यों के लिए 500/— व 50.00 लाख रूपये से अधिक राशि के कार्यों के लिए 1000/— रूपये की राशि निविदा शुल्क के

अतिरिक्त देनी होगी जो डिमाण्ड ड्राफ्ट या बैंकर चैक के रूप में देय होगी। यह डिमाण्ड ड्राफ्ट या बैंकर चैक मैनजिंग डायरेक्ट, आर.आई.एस.एल. के पक्ष में व जयपुर में भुगतान योग्य होना चाहिए।

14 नेगोशिएशन की आवश्यकता होने पर ई-मेल व पत्र द्वारा डाक से सूचित किया जायेगा।

15 निविदा शुल्क निम्नानुसार निर्धारित है -

50 लाख से कम अनुमानित लागत -

— रूपये 500 / —

50 लाख से 150 लाख तक अनुमानित लागत

रूपये 1000 / -

150 लाख से 400 लाख तक अनुमानित लागत

रूपये 2000/-

400 लाख से अधिक अनुमानित लागत

रूपये 5000/-

16 ई-टेण्डरिंग के लिए निविदादाता हेतु निर्देश :-

- इन निविदाओं में दिलचस्पी लेने वाले निविदा दाता निविदा प्रपत्रो का इन्टरनेट साईट http://www.eproc.rajasthan.gov.in से देख/डाउनलोड कर सकते है।
- निविदाओं में भाग लेने वाले निविदादाताओं को इन्टरनेट साईट http://www.eproc.rajasthan.gov.in पर रिजस्टर करवाना होगा। ऑन लाईन निविदा में भाग लेने के लिए डिजिटल सार्टिफिकेट है इनफोरमेशन टेक्नोलॉजी एक्ट 2000 के तहत प्राप्त करना होगा जो इलेक्ट्रोनिक निविदा में साईन करने हेतु काम आयेगा। निविदादाता उपरोक्त डिजिटल सर्टिफिकेट सी.सी.ए. द्वारा स्वीकृत एजेन्सी से प्राप्त कर सकते है। जिन निविदादाताओं के पास पूर्व में वैध डिजिटल सर्टिफिकेट है, नया डिजिटल लेने की आवश्यकता नहीं है।
- निविदादाताओं को निविदा प्रपत्र इलेक्ट्रोनिक फार्मेट में उपरोक्त वेबसाइट पर डिजिटल साईन के साथ प्रस्तुत करना होगा। जिसके प्रस्ताव अकेले भौतिक फॉर्म में स्वीकार्य नहीं होगा।
- इलेक्ट्रोनिक निविदा प्रपत्रों को जमा कराने से पूर्व निविदादाता यह सुनिश्चित कर लेवे की निविदा प्रपत्रों से संबंधित सभी आवश्यक दस्तावेजों की स्केन कॉपी निविदा प्रपत्रों के साथ अटेच कर दी गयी है।
- कोई भी टेण्डर इलेक्ट्रोनिकली जमा कराने से किसी कारण से लेट हो जाता है तो उसका जिम्मेदार विभाग नहीं होगा।
- टेण्डर के प्रपत्रों में आवश्यक सभी सूचियों को सम्पूर्ण रूप से भरकर ऑन लाईन दर्ज करे।
- 17 निविदायें राजस्थान लोक उपापन पारदर्शिता अधिनियम 2012 एवं नियम 2013 के अन्तर्गत आमंत्रित की जाती है। उपर अंकित समस्त प्रावधान/बंधन उस सीमा तक ही लागु होंगे जिस सीमा तक दे उस बिन्दु में उल्लेखित अधिनियम एवं नियमों के विरुद्ध नहीं हो।
- 18 संवेदक द्वारा प्रस्तुत की गयी दरें एक वर्ष तक मान्य होगी।
- 19 राजकीय अवकाश भी स्थिति में आगामी कार्य दिवस की तिथि मान्य होगी।
- 20 श्रीमान निदेशक, स्वायत शासन विभाग, राजस्थान जयपुर के आदेश कमांक 144612-825 दिनांक 22.11.021 की पालना में वित्त विभाग की अधिसूचना आर.टी.पी.पी. नियम 2013 में Additional Performance Security के लिये नियम 75-ए के अनुसार Additional Performance Security जमा करवानी होगी

(अरूण कुमार पुरोहित) I.A.S. आयुक्त नगर निगम जोधपुर—दक्षिण

नगर निगम जोधपुर-दक्षिण

कमांक:- न.नि.जो.-दक्षिण / चतुर्थ/विकास / 2022-23 / | 09 0

दिनांक:- 24/11/222

| (21) | ः ई-निविदा सूचना ःः | |
|---------|---------------------|---|
| (UB No. | |) |

नगर निगम जोधपुर—दक्षिण की ओर से विभिन्न सिविल कार्यो हेतु ऑनलाईन ई—निविदाएं आमंत्रित की जाती है। ई—निविदा से संबंधित कार्यो की विस्तृत जानकारी, निविदा की शर्ते आदि http://eproc.rajasthan.gov.in, www.sppp.rajasthan.gov.in एवं www.urban.rajasthan.gov.in/mcjs पर देखी जा सकती है।

(वनिता सेठ) महापौर नगर निगम जोधपुर–दक्षिण कर्ज (अरूण कुमार पुरोहित)

I.A.S.

आयुक्त

नगर निगम जोधपुर—दक्षिण

कमांकः— न.नि.जो.—दक्षिण/चतुर्थ/विकास/2022—23/ 1091 to 1099 प्रतिलिपी :— सूचनार्थ एवं आवश्यक कार्यवाही हेतु। दिनाक:- 24/11/2018

- 1. श्रीमान जिला कलेक्टर महोदय, जोधपुर।
- 2. निदेशक / अधीक्षण अभियन्ता, स्थानीय निकाय विभाग, जयपुर।
- 3. अधीक्षण अभियन्ता / अधिशाषी अभियन्ता, सा.नि.वि. / जोधपुर विकास प्राधिकरण / नगर निगम जोधपुर।
- 4. वरिष्ठ लेखाधिकारी, जोधपुर नगर निगम ।
- 5. राजस्थान संवाद, जयपुर को भेजकर लेख है कि उक्त ई—निविदा नियमानुसार एक राज्य स्तरीय व क्षेत्रीय समाचार पत्रो में प्रकाशन हेतु भिजवाये व jodhpurmcsamvad@yahoo.com पर Intimation Mail की कॉपी भिजवाये।
- 6. श्री रामेश्वर गहलोत, प्रोग्रामर नगर निगम जोधपुर दक्षिण को भेजकर लेख है कि एवं ई—निविदा सूचना (1) urban.rajasthan.gov.in/mcjs (2) sppp.rajasthan.gov.in पर अपलोड करें।
- 7. संबंधित सहायक अभियन्ता को भेजकर लेख है कि उपरोक्त ई-निविदा के कार्यो की जी-सारणी एवं ई-निविदा सूचना http://eproc.rajasthan.gov.in पर अपलोड करावे।
- 8. सूचना पट्ट जोधपुर नगर निगम।

(अरूण कुमार पुरोहित) I.A.S. आयुक्त नगर निगम जोधपुर—दक्षिण

MUNICIPAL CORPORATION, JODHPUR (SOUTH) <u>GSCHEDULE</u>

| T No date | Sr No |
|--------------------|-------------------|
| st Date of Sale :- | Earnest Money: Rs |
| te of Receipt :- | CR No Dated |
| ny issued to M/s | Dateu |

me of Work :- Sewer line and manhole repair work at various places in ward No 12 (ARC)

| No. | ITEMS | | QTY. | | AMOUNT |
|---|--|------|--------------------|---------|---------|
| | Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. | | | Rs. | |
| | In all types soils such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. | | | | |
| | Depth upto 1.5 m | 1.00 | cum | 274.50 | 275.00 |
| ı | Add extra for over all depth of excavation above 1.5 m and apto 3.0 m over item no 17.1.1.1 Dismantling of flexible pavements for sewer line and | 1.00 | cum | 19.20 | 19.00 |
| 1 | nanholes and disposal of dismantled materials up to a lead of 50 metres, stacking serviceable and unserviceable materials separately as directed by Engineer. Bituminous courses | 1.00 | p <u>i</u> tholico | 400 | |
| | | 1.00 | cum | 493.50 | 494.00 |
| j j 22 m c ((c c s c b | Granular courses Providing at site, lowering & laying in trenches, aligning & ointing of RCC pipes NP4 class (with s/s ends) IS: 458 - 2003 (amended up to date) marked and pipes from 300 nm and upto 1800 mm manufactured through vertical easting process at all depths with Rubber gaskets EPDM/SBR) for sewer lines as per IS: 5382 (including lost of Rubber gaskets, lubricants) as per drawing, ectional testing of the sewer pipe line (including lost and conveyance of water to site) etc., complete as per pecification and / or as directed by Engineer. Note: E/w to be measured and paid separately | 1.00 | cum | 343.50 | 344.00 |
| 2 | 00 mm internal diameter | 1.00 | metre | 618.00 | 618.00 |
| 2 | 50 mm internal diameter | 1.00 | metre | 883.00 | 883.00 |
| 3 | 00 mm internal diameter | 1.00 | metre | 1158.00 | 1158.00 |
| 4 | 50 mm internal diameter | 1.00 | metre | 2715.00 | 2715.00 |

| | 2 72 2 2424 7 24 2 4 | | | | |
|--------------------------|--|------|-------|---------|---------|
| (B) (v) has she recall a | oviding granular bedding having width = outer dia of pipe (c) + 500mm, thickness below pipe = 0.25Bc or 100mm whichever is higher) and haunching = 0.5Bc, with graded and crusher broken stone of 100% passing through 20mm heive, 20 to 50 % passing through 10mm sheive and 100 % etain on 6.3mm sheive, laying in layers of thickness 0/15cm including ramming, consolidation etc complete for 11 type of pipes of following sizes as per drawing and or as tirected by Engineer. | | | | ٠ |
| 12 | 200 mm internal diameter | 1.00 | metre | 158.00 | 158.00 |
| | 250 mm internal diameter | 1.00 | metre | 175.00 | 175.00 |
| | 300 mm internal diameter | 1.00 | metre | 199.00 | 199.00 |
| | 450 mm internal diameter | 1.00 | metre | 335.50 | 336.00 |
| | Random rubble masonry with hard stone in foundation and plinth: Cement mortar 1:6 (1 cement: 6 coarse sand) | 1.00 | cum | 4245.0 | 4245.00 |
| | Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water, curing, racking of joints etc. with 15 mm cement plaster of mix:1:6 (1 cement: 6 fine/ coarse sand) | 1.00 | Sqm. | 222.00 | 222.00 |
| | Supplying and fixing soorsagar bhura or equialent ashlar sills lintel and dassa ,bearing ,bed and top surface made perfeenctly even jambs ,skirting steps etc. rough dressed upto 15 cm thick. | 1.00 | cum | 4473.0 | 4473.00 |
| | Supplying & fixing 560mm dia SFRC manhole frame & cover as per IS: 12592-2002 in existing manholes including grouting the frame in PCC M-15 complete in all respect as directed by the Engineer. HD-20 | 1.00 | each | 2685.00 | 2685.00 |
| | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level:1:4:8 (1 Cement: 4 fine/ coarse sand: 8 graded stone aggregate 40 mm nominal size). | 1.00 | cum | 4340.00 | 4340.00 |
| 0 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size). For road | 1.00 | cum | 5810.00 | 5810.00 |
| 11 | restoration. Carriage of Materials by mechanical transport including loading, unloading and stacking ::5km For road restoration. | | | | |
| 1 | earth | 1.00 | cum | 245.95 | 246.00 |
| 0 | Sand, bazri, | 1.00 | cum | 196.76 | 197.00 |
| 12 | ballast, kankar | | Culli | .70.70 | |
| | desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic viebro pressed machine and fully computerized automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm. thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per specifications. Tensile splitting strength, abrasion and braking load etc. as per BS 6717:2001, Grey cement. 80mm thick | 1.00 | Sqm. | 855.00 | 855.00 |

| ir a b t I | roviding and fixing of 60mm thick precast cement concrete interlocking paver block casted with rubber moulds in proved reflective colour and design having minimun compressive strength of 300 kg/ sq cm. The CC paving blocks be laid on average 50mm thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per | 1.00 | Sqm. | 737.00 | 737.00 |
|------------------------|---|------|------|---------|---------|
| | Empting of septic tank/ soakage well etc, disposing of sludge within a lead of 5km and taking out sewage including refilling with local earth, ramming and compaction in layers, cleaning of site. | 1.00 | Nos. | 4630.00 | 4630.00 |
| | Providing at site, lowering & laying in trenches, aligning & jointing of PVC-U pipes (SN 8) as per IS 15328 (amended up to date) and as per specifications with rubber rings with socket and spigot joint, (EPDM/SBR) for all depths for pipe length as per drawing and specification including hydraulic field testing (including the cost and conveyance of water to site for testing) and commissioning etc complete as directed by Engineer. Note: E/w to be measured and paid separately. Length of pipe shall be measured in between the outer wall of two manholes / Inspection chambers. Pipe in the manhole/inspection chamber swall shall deemed to be included in the item of manhole/inspection chamber shall not be payable. | | × | | |
| | 110 mm nominal dia | 1 | MTR | 267.5 | 268.00 |
| $\overline{}$ | 160 mm nominal dia | 1 | MTR | 558 | 558.00 |
| | Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. | - | | | |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and below | 1 | cum | 365 | 365.00 |
| | Cement Concrete Grade M-15 and above and PCC blocks | 1 | cum | 620 | 620.00 |
| 7 | Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. | | | | v. |
| Spinores. | In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works | | kg | 117.5 | 118.00 |
| 8 | Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr. | 1 | cum | 348.5 | 349.00 |
| | | | | | |

| _ | | | | | |
|---|--|---|-----------------|-------|----------|
| | Providing and constructing of RR stone masonry circular manholes of "Type-Z" with internal dia 0.56m and depth upto 0.90 m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:3:6) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, PCC M15 for fixing the manhole frame and cover using stone aggregate 20mm Nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and roof. Supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note- Only Excavation work will be measured and paid | 1 | each | 8150 | 8150.00 |
| | separately (ZType Manholes) | | | | e e |
| | Providing and constructing of RR stone masonry circular manholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per 1S 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note:- | | | | |
| 2 | Manhole "Type-A" of depth 0.90 m | 1 | each manhole | 15550 | 15550.00 |
| | Providing and constructing extra depth of manhole "Type-A" for depth beyond 0.90 m and upto 1.65 m with RR stone masonary including 20mm plaster inside and outside as per drawing and direction of Engineer. | 1 | metre | 8380 | 8380.00 |
| 3 | Supplying & fixing 560mm opening dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer | 1 | each | 1407 | 1407.00 |
| | Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing CI frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work / RR stone work of raising depth of manhole to be paid | 1 | each | 570 | 570.00 |

| of manhole to be paid separately) Total | | | - | 73092.00 |
|---|---|------|-----|----------|
| Lowering of circular brick / RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab and manhole wall, taking out the existing CI frame & cover of manhole and lowering it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth | 1 | each | 570 | 570.00 |

ms and Condition :-

भी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।

ार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।

सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।

र्य स्थल पर कार्य सम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।

ण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।

ार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो / विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा

ष निवारण अवधि नियमानुसार रहेगी ।

रें 4 माह तक मान्य रहेगी

गर्त निविदा स्वीकार नहीं होगी ।

विधादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

EXECUTIVE ENGINEER
NAGAR NIGAM, JODHPUR.

e hereby agree to do the above work @ _____ Above/below the "G" Schedule.

MUNICIPAL CORPORATION, JODHPUR (SOUTH)

GSCHEDULE

| | GOCHEDCEE | |
|----------------------|-----------|-------------------|
| NIT No date | | Sr No |
| Last Date of Sale :- | | Earnest Money: Rs |
| Date of Receipt :- | | CR No Dated |
| Copy issued to M/s | | |

| S. No. | of Work :- Sewer line and manhole repair work at var | QT | | RATE In Rs. | AMOUNT |
|--------|--|------|-------|----------------|---------|
| I | Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. | | п | | |
| | In all types soils such as moorum, sand, sandy silt, clay, black | | | | |
| | cotton soil, kankar, etc. | 1.00 | cum | 274.50 | 275.00 |
| | Depth upto 1.5 m Add extra for over all depth of excavation above 1.5 m and | 1.00 | cum | 19.20 | 19.00 |
| 2 | upto 3.0 m over item no 17.1.1.1 Dismantling of flexible pavements for sewer line and manholes and disposal of dismantled materials up to a lead of 50 metres, stacking serviceable and unserviceable materials separately as directed by Engineer. | , | | | |
| | | 1.00 | cum | 493.50 | 494.00 |
| | Bituminous courses | 1.00 | cum | 343.50 | 344.00 |
| 3 | Providing at site, lowering & laying in trenches, aligning & jointing of RCC pipes NP4 class (with s/s ends) IS: 458 - 2003 (amended up to date) marked and pipes from 300 mm and upto 1800 mm manufactured through vertical casting process at all depths with Rubber gaskets (EPDM/SBR) for sewer lines as per IS: 5382 (including cost of Rubber gaskets, lubricants) as per drawing, sectional testing of the sewer pipe line (including cost and conveyance of water to site) etc., complete as per specification and / or as directed by Engineer. Note: E/w to be measured and paid separately | | | | |
| | | 1.00 | metre | 618.00 | 618.00 |
| | 200 mm internal diameter | 1.00 | metre | 883.00 | 883.00 |
| geta A | 250 mm internal diameter 300 mm internal diameter | 1.00 | metre | 1158.00 | 1158.00 |
| 11 | 450 mm internal diameter | 1.00 | metre | 2715.00 | 2715.00 |

| г | | | | | | |
|----------|-----------------|--|----------|-------|---------|---------|
| 1 | 4 | Providing granular bedding having width = outer dia of pipe | | | | |
| | | (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm | | | 1 | - 1 |
| 100 | | (whichever is higher) and haunching = 0.5Bc, with graded | | | 1 | . *** |
| | | hard crusher broken stone of 100% passing through 20mm | - 1 | | 1 | ı |
| | | sheive, 20 to 50 % passing through 10mm sheive and 100 % | 1 | | 1 | 1 |
| | | retain on 6.3mm sheive, laying in layers of thickness | 1 | | | |
| | | 10/15cm including ramming, consolidation etc complete for | | | | |
| 1.08 | | all type of pipes of following sizes as per drawing and or as | 1 | | | |
| - 1 | | directed by Engineer. | 1 | | 1 | i |
| | | 10 1 18 | | | | |
| | | 200 mm internal diameter | 1.00 | metre | 158.00 | 158.00 |
| h, House | | 250 mm internal diameter | 1.00 | metre | 175.00 | 175.00 |
| - | - A - A - | 300 mm internal diameter | 1.00 | metre | 199.00 | 199.00 |
| - | - | 450 mm internal diameter | 1.00 | metre | 335.50 | 336.00 |
| | 5 | Random rubble masonry with hard stone in foundation and | 1. 88 | | | |
| | | plinth : Cement mortar 1:6 (1 cement : 6 coarse sand) | 1.00 | cum | 4245.0 | 4245.00 |
| | 6 | Cement plastering including T&P, scaffolding, material and | | | | |
| | 2307 | complete labpour, including cost of water, curing, racking of | 22 12227 | _ | | |
| | | joints etc. with 15 mm cement plaster of mix:1:6 (1 cement: | 1.00 | Sqm. | 222.00 | 222.00 |
| | | 6 fine/ coarse sand) | | | | |
| | 7 . | Supplying and fixing soorsagar bhura or equialent ashlar sills | | | | - |
| | | lintel and dassa ,bearing ,bed and top surface made | 1.22 | | | |
| 1 | | perfeenctly even jambs ,skirting steps etc. rough dressed upto | 1.00 | cum | 4473.0 | 4473.00 |
| | | 15 cm thick. | | | | |
| 1 | 8 | Supplying & fixing 560mm dia SFRC manhole frame & | | | | |
| 1 | | cover as per IS: 12592-2002 in existing manholes including | 1.00 | | 2685.00 | 2/07.00 |
| | | grouting the frame in PCC M-15 complete in all respect as | 1.00 | each | 2685.00 | 2685.00 |
| 145 | | directed by the Engineer, HD-20 | | | | |
| . 1 | 9 | Providing and laying in position cement concrete of specified | | | , | |
| V 1 1 | | grade excluding the cost of centring and shuttering - All work | | | | |
| - 1 | | upto plinth level :1:4:8 (1 Cement : 4 fine/ coarse sand : 8 | 1.00 | cum | 4340.00 | 4340.00 |
| | | graded stone aggregate 40 mm nominal size). | | | | |
| | | D III II i i i i i i i i i i i i i i i i | | | | |
| | 10 | Providing and laying in position cement concrete of specified | | | | |
| | | grade excluding the cost of centring and shuttering - All work | 1.00 | oum | 5810.00 | 5010.00 |
| | | upto plinth level: 1:11/2:3 (1 Cement: 11/2 coarse sand: 3 | 1.00 | cum | 3810.00 | 5810.00 |
| | | graded stone aggregate 20 mm nominal size). For road | | | | |
| | | restoration. Carriage of Materials by mechanical transport including | | | | |
| | 11 | loading, unloading and stacking ::5km For road restoration. | | | | |
| | - 5 | loading, unloading and stackingskiii 1 of load restoration. | | | | |
| | | earth | 1.00 | cum | 245.95 | 246.00 |
| | | Sand, bazri, | 1.00 | cum | 196.76 | 197.00 |
| 91 | | ballact kankar | 1,00 | Cum | 170.70 | 177.00 |
| | 12 | Providing and fixing of precast concrete interlocking tiles of | | | | |
| | | desired shape of M 30 grade manufactured from fully | | | | |
| | | computerized automatic stationery hydraulic viebro pressed | | | | * |
| | H 53 | machine and fully computerized automatic batching plant of | | | | |
| | 1 | class A1/A2 as per BS 6717:2001. The CC interlocking | | | | |
| | | paying blocks be laid on average 50mm, thick bed of coarse | | | | |
| | 1 | sand and the joint is to be filled with fine sand. Laying | 1.00 | Sqm. | 855.00 | 855.00 |
| | 1 | procedure on compacted sub-base as defined. Complete job | | 2-1 | 223.00 | 000.00 |
| | | | | 1 | 1 | 1 |
| | | is to be executed as per the instruction of Engineer incharge. | | 1 | | |
| | | is to be executed as per the instruction of Engineer incharge. | | | | |
| | | is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as | | | | |
| | | is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as The rates to be inclusive of all lead & Lifts etc. complete as The rates to be inclusive of all lead & Lifts etc. complete as | | | | |
| | \(\frac{1}{2}\) | is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as | | | | |

| 13 | Providing and fixing of 60mm thick precast cement concrete interlocking paver block casted with rubber moulds in | | | | |
|----|--|------|------|------------|------------------|
| | approved reflective colour and design having minimun compressive strength of 300 kg/ sq cm. The CC paving blocks be laid on average 50mm thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per | 1.00 | Sqm. | 737.00 | 737.00 |
| 14 | Empting of septic tank/ soakage well etc, disposing of sludge within a lead of 5km and taking out sewage includes | 1.00 | Non | 4630.00 | |
| 15 | refilling with local earth, ramming and compaction in layers, cleaning of site. Providing at site, lowering & laying in trenches, aligning & lighting of PVC II. | 1.00 | Nos. | 4630.00 | 4630.00 |
| | to date) and as per specifications with rubber rings with socket and spigot joint, (EPDM/SBR) for all depths for pipe length as per drawing and specification including hydraulic field testing (including the cost and conveyance of water to site for testing) and commissioning etc complete as directed by Engineer. Note: E/w to be measured and paid separately. Length of pipe shall be measured in between the outer wall of two manholes / Inspection chambers. Pipe in the manhole/inspection chamber's wall shall deemed to be included in the item of manhole/inspection chamber shall not be payable. | | 3 | 3 | |
| | 110 mm nominal dia | 1 | MTR | 267.5 | 269.00 |
| 16 | 160 mm nominal dia | 1 | MTR | 558 | 268.00 558.00 |
| | Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. | | | | |
| | | | | n - | |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and below | 1 | cum | 365 | 365.00 |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and below Cement Concrete Grade M-15 and above and PCC blocks | 1 | cum | 365 620 | 365.00 620.00 |
| 17 | Lime Concrete, cement concrete grade M-10 (1:5:10) and below Cement Concrete Grade M-15 and above and PCC blocks Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. | | No. | | |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and below Cement Concrete Grade M-15 and above and PCC blocks Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. | | No. | | |
| 17 | Lime Concrete, cement concrete grade M-10 (1:5:10) and below Cement Concrete Grade M-15 and above and PCC blocks Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates | 1 | cum | 620 | 620.00 |

| 0 Pr | oviding and constructing of RR stone masonry circular | | | | |
|---------------------------------------|--|---|-----------------|-------|----------|
| 0. cee gr ccc br m N 1 v a a ff 1 iii | anholes of "Type-Z" with internal dia 0.56m and depth upto 90 m having 300mm thick RR stone masonry wall in ement sand mortar 1:4, including concreting PCC M-10 rade (1:3:6) for 225mm thick foundation including curing ompaction and form work etc complete, PCC M15 for enching and channel portion, PCC M15 for fixing the nanhole frame and cover using stone aggregate 20mm dominal size, 20mm thick inside and outside plaster in C. M. 13, inside plaster finished with floating coat of neat cement, ata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and roof. Supplying and ixing heavy duty SFRC manhole frame and cover as per IS 2592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note-Only Excavation work will be measured and paid separately (ZType Manholes) | 1 | each | 8150 | 8150.00 |
| 1 | Providing and constructing of RR stone masonry circular manholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note:- | | | | |
| | Manhole "Type-A" of depth 0.90 m | 1 | each manhole | 15550 | 15550.00 |
| 22 | Providing and constructing extra depth of manhole "Type-A" for depth beyond 0.90 m and upto 1.65 m with RR stone masonary including 20mm plaster inside and outside as per drawing and direction of Engineer. | 1 | metre | 8380 | 8380.00 |
| 23 | Supplying & fixing 560mm opening dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer | 1 | each | 1407 | 1407.00 |
| 24 | Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing CI frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work / RR stone work of raising depth of manhole to be paid separately) | 1 | each | 570 | 570.00 |

| Total | | | | 73092.00 |
|---|---|------|-----|----------|
| Lowering of circular brick / RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab and manhole wall, taking out the existing CI frame & cover of manhole and lowering it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth of manhole to be paid separately) | 1 | each | 570 | 570.00 |

Terms and Condition :-

- 1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।
- 2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
- 3.जी.सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
- 4.कार्य स्थल पर कार्य संम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
- 5.टंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।
- 6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगें।
- 7. दोष निवारण अवधि नियमानुसार रहेगी ।
- 8. दरें 4 माह तक मान्य रहेगी
- 9 संशर्त निविदा स्वीकार नहीं होगी ।
- 10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

EXECUTIVE ENGINEER
NAGAR NIGAM, JODHPUR.

I/We hereby agree to do the above work @ _____ Above/below the "G" Schedule.

MUNICIPAL CORPORATION, JODHPUR (SOUTH)

GSCHEDULE

| No date | Sr No |
|--|-------------------|
| Date of Sale :- of Receipt :- vissued to M/s | Earnest Money: Rs |

of Work :- Sewer line and manhole repair work at various places in ward No 14 (ARC)

| of Work :- Sewer line and mannole repair work at var | QT | | RATE In Rs. | AMOUNT |
|--|------|-------|----------------|---------|
| Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. | 28 | | | 2 8 |
| In all types soils such as moorum, sand, sandy silt, clay, black | | | | |
| cotton soil, kankar, etc. | 1.00 | cum | 274.50 | 275.00 |
| Depth upto 1.5 m Add extra for over all depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1 | 1.00 | cum | 19.20 | 19.00 |
| Dismantling of flexible pavements for sewer line and manholes and disposal of dismantled materials up to a lead of 50 metres, stacking serviceable and unserviceable materials separately as directed by Engineer. | * | | , | A 21 |
| Bituminous courses | 1.00 | cum | 493.50 | 494.00 |
| Granular courses | 1.00 | cum | 343.50 | 344.00 |
| Providing at site, lowering & laying in trenches, aligning & jointing of RCC pipes NP4 class (with s/s ends) IS: 458 - 2003 (amended up to date) marked and pipes from 300 mm and upto 1800 mm manufactured through vertical casting process at all depths with Rubber gaskets (EPDM/SBR) for sewer lines as per IS: 5382 (including cost of Rubber gaskets, lubricants) as per drawing, sectional testing of the sewer pipe line (including cost and conveyance of water to site) etc., complete as per specification and / or as directed by Engineer. Note: E/w to be measured and paid separately | | | | |
| | 1.00 | metre | 618.00 | 618.00 |
| 200 mm internal diameter | 1.00 | metre | 883.00 | 883.00 |
| 250 mm internal diameter | 1.00 | metre | 1158.00 | 1158.00 |
| 300 mm internal diameter | 1.00 | metre | 2715.00 | 2715.00 |

| | Providing granular bedding having width = outer dia of pipe (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm (whichever is higher) and haunching = 0.5Bc, with graded hard crusher broken stone of 100% passing through 20mm sheive, 20 to 50 % passing through 10mm sheive and 100 % retain on 6.3mm sheive, laying in layers of thickness 10/15cm including ramming, consolidation etc complete for all type of pipes of following sizes as per drawing and or as directed by Engineer. | | | | 2 - G |
|---|---|------|-------|---------|---------|
| H | 200 mm internal diameter | 1.00 | | 150.00 | |
| - | 250 mm internal diameter | | metre | 158.00 | 158.00 |
| - | 300 mm internal diameter | 1.00 | metre | 175.00 | 175.00 |
| - | 450 mm internal diameter | 1.00 | metre | 199.00 | 199.00 |
| | Random rubble masonry with hard stone in foundation and | 1.00 | metre | 335.50 | 336.00 |
| | plinth: Cement mortar 1:6 (1 cement: 6 coarse sand) | 1.00 | cum | 4245.0 | 4245.00 |
| | Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water, curing, racking of joints etc. with 15 mm cement plaster of mix:1:6 (1 cement: 6 fine/ coarse sand) | 1.00 | Sqm. | 222.00 | 222.00 |
| | Supplying and fixing soorsagar bhura or equialent ashlar sills lintel and dassa ,bearing ,bed and top surface made perfeenctly even jambs ,skirting steps etc. rough dressed upto 15 cm thick. | 1.00 | cum | 4473.0 | 4473.00 |
| | Supplying & fixing 560mm dia SFRC manhole frame & cover as per IS: 12592-2002 in existing manholes including grouting the frame in PCC M-15 complete in all respect as directed by the Engineer, HD-20 | 1.00 | each | 2685.00 | 2685.00 |
| | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level:1:4:8 (1 Cement: 4 fine/ coarse sand: 8 graded stone aggregate 40 mm nominal size). | 1.00 | cum | 4340.00 | 4340.00 |
| | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size). For road restoration. | 1.00 | cum | 5810.00 | 5810.00 |
| | Carriage of Materials by mechanical transport including loading, unloading and stacking ::5km For road restoration. | | | | 10 |
| + | earth | 1.00 | cum | 245.95 | 246.00 |
| | Sand, bazri, | 1.00 | cum | 196.76 | 197.00 |
| | ballast, kankar | 1.00 | cum | 170.70 | 177.00 |
| | Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic viebro pressed machine and fully computerized automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm, thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per specifications. Tensile splitting strength, abrasion and braking load etc. as per BS 6717:2001, Grey cement. 80mm thick | 1.00 | Sqm. | 855.00 | 855.00 |

| | Providing and fixing of 60mm thick precast cement concrete interlocking paver block casted with rubber moulds in approved reflective colour and design having minimun compressive strength of 300 kg/ sq cm. The CC paving blocks be laid on average 50mm thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. | 1.00 | Sqm. | 737.00 | 737.00 |
|---|--|------|------|---------|---------|
| | Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per | | | | 5 |
| | Empting of septic tank/ soakage well etc, disposing of sludge within a lead of 5km and taking out sewage including refilling with local earth, ramming and compaction in layers, cleaning of site. | 1.00 | Nos. | 4630.00 | 4630.00 |
| | Providing at site, lowering & laying in trenches, aligning & | | | | |
| | jointing of PVC-U pipes (SN 8) as per IS 15328 (amended up | | | | |
| | to date) and as per specifications with rubber rings with | | | 1 | |
| | socket and spigot joint, (EPDM/SBR) for all depths for pipe | | | | |
| | length as per drawing and specification including hydraulic | | | | |
| | field testing (including the cost and conveyance of water to | | | | |
| | site for testing) and commissioning etc complete as directed | | | | |
| | by Engineer. Note: E/w to be measured and paid separately. | | | | |
| | Length of pipe shall be measured in between the outer wall of two manholes / Inspection chambers. Pipe in the | | | | 2 |
| | manhole/inspection chamber's wall shall deemed to be | | | | |
| | included in the item of manhole/inspection chamber shall not | | | | |
| | be payable. | | | | |
| | | *0 | | | |
| | 110 mm nominal dia | 1 | MTR | 267.5 | 268.00 |
| | 160 mm nominal dia | 1 | MTR | 558 | 558.00 |
| | Dismantling of existing structures like culverts, bridges, | | | | |
| | retaining walls, CC road and other structure comprising of | | | | |
| | masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the | | | | |
| | dismantled material, disposal of unserviceable material and | | | | |
| | stacking the serviceable material with all lifts and lead of 50 | | | | *** |
| | metres as directed by Engineer. | | | | 3 2 3 |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and below | 1 | cum | 365 | 365.00 |
| | Cement Concrete Grade M-15 and above and PCC blocks | 1 | cum | 620 | 620.00 |
| 1 | Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. | | | - | |
| | In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works | 1 | kg | . 117.5 | 118.00 |
| | Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr. | 1 | cum | 348.5 | 349.00 |
| | Sludge clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr. | 1 | cum | 372.5 | 373.00 |

| | Leastructing of RR stone masonry circular | | | | |
|-----|--|---|-----------------|-------|----------|
| - 1 | Providing and constructing of RR stone masonry circular manholes of "Type-Z" with internal dia 0.56m and depth upto 0.90 m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:3:6) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, PCC M15 for fixing the manhole frame and cover using stone aggregate 20mm Nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and roof. Supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of | 1 | each | 8150 | 8150.00 |
| | water, and dewatering complete as directed by the Engineer. Note- Only Excavation work will be measured and paid separately (ZType Manholes) | | - 1 | | , |
| | Providing and constructing of RR stone masonry circular manholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note:- | | | | |
| | Manhole "Type-A" of depth 0.90 m | 1 | each manhole | 15550 | 15550.00 |
| 2 | Providing and constructing extra depth of manhole "Type-A" for depth beyond 0.90 m and upto 1.65 m with RR stone masonary including 20mm plaster inside and outside as per drawing and direction of Engineer. | 1 | metre | 8380 | 8380.00 |
| 3 | Supplying & fixing 560mm opening dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer | 1 | each | 1407 | 1407.00 |
| 4 | Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing Cl frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work RR stone work of raising depth of manhole to be paid | 1 | each | 570 | 570.00 |

| Total | | | | 73092.00 |
|---|---|------|-----|----------|
| Lowering of circular brick / RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab and manhole wall, taking out the existing Cl frame & cover of manhole and lowering it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth of manhole to be paid separately) | 1 | each | 570 | 570.00 |

rms and Condition :-

भी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।

ार्य स्थल पर श्रंमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।

सारणी में वर्णित कार्यो के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।

- र्ग स्थल पर कार्य संम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
- ण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।
- र्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा होंगें।
- ष निवारण अवधि नियमानुसार रहेगी ।
- 4 माह तक मान्य रहेगी
- र्त निविदा स्वीकार नहीं होगी ।

ष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

EXECUTIVE ENGINEER

NAGAR NIGAM, JODHPUR.

hereby agree to do the above work @ _____ Above/below the "G" Schedule.

MUNICIPAL CORPORATION, JODHPUR (SOUTH) GSCHEDULE

| NIT N. | SCHEDULE |
|--------------------|--------------------|
| NIT No date | Sr No |
| Date of Receipt :- | Earnest Money : Rs |
| Copy issued to M/s | CR No Dated |

Name of Work :- Sewer line and manhole repair work at various places in ward No 15 (ARC)

| S. No. | ITEMS | Q | ΓY. | RATE In Rs. | AMOUNT |
|------------------------------------|--|------|-------|----------------|---------|
| 1 | Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. | | * | | |
| 44) | In all types soils such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. | | | | |
| | Depth upto 1.5 m | 1.00 | cum | 274.50 | 275.00 |
| | Add extra for over all depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1 | 1.00 | cum | 19.20 | 19.00 |
| | Dismantling of flexible pavements for sewer line and manholes and disposal of dismantled materials up to a lead of 50 metres, stacking serviceable and unserviceable materials separately as directed by Engineer. | *** | ži. | - | 5,6 g |
| | Bituminous courses | 1.00 | cum | 493.50 | 494.00 |
| | Granular courses | 1.00 | cum | 343.50 | 344.00 |
| 3 II j j 2 2 m c c c s s c c s s s | Providing at site, lowering & laying in trenches, aligning & ointing of RCC pipes NP4 class (with s/s ends) IS: 458 - 2003 (amended up to date) marked and pipes from 300 nm and upto 1800 mm manufactured through vertical easting process at all depths with Rubber gaskets EPDM/SBR) for sewer lines as per IS: 5382 (including ost of Rubber gaskets, lubricants) as per drawing, ectional testing of the sewer pipe line (including ost and conveyance of water to site) etc., complete as per pecification and / or as directed by Engineer. Note: E/w to e measured and paid separately | | \$// | | |
| 2 | 00 mm intornal diameter | 1.00 | metre | 618.00 | 618.00 |
| | 00 mm internal diameter 50 mm internal diameter | 1.00 | metre | 883.00 | 883.00 |
| | The state of the s | 1.00 | metre | 1158.00 | 1158.00 |
| | 00 mm internal diameter 50 mm internal diameter | 1.00 | metre | 2715.00 | 2715.00 |

| | Providing granular bedding having width = outer dia of pipe | | | | |
|----------|--|--------------|---|-------------------|---------|
| (| Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm | | - 1 | | |
| 10 | whichever is higher) and haunching = 0.5Bc, with graded | 1 | | | |
| - 1 | cond analysis hadron stone of 1000/ | | | | |
| 1 | hard crusher broken stone of 100% passing through 20mm | | 1 | 1 | |
| 1 | sheive, 20 to 50 % passing through 10mm sheive and 100 % | - 1 | - 1 | | |
| | retain on 6.3mm sheive, laying in layers of thickness | | 10 | | |
| | 10/15cm including ramming, consolidation etc complete for | | | | |
| | | | - 1 | | |
| | all type of pipes of following sizes as per drawing and or as | - 1 | 1 | | |
| . 1 | directed by Engineer. | | 1 | | |
| | 200 mm internal diameter | 1.00 | metre | 158.00 | 158.00 |
| | 250 mm internal diameter | | | 175.00 | 175.00 |
| _ | 300 mm internal diameter | 1.00 | metre | | |
| | | 1.00 | metre | 199.00 | 199.00 |
| _ | 450 mm internal diameter | 1.00 | metre | 335.50 | 336.00 |
| 5 . | Random rubble masonry with hard stone in foundation and | | | | |
| | plinth: Cement mortar 1:6 (1 cement: 6 coarse sand) | 1.00 | cum | 4245.0 | 4245.00 |
| | | 6886331 | 0.0000000000000000000000000000000000000 | 11/18/22/20/21/20 | |
| 6 | Cement plastering including T&P, scaffolding, material and | | | | |
| | | | | | |
| | complete labpour, including cost of water, curing, racking of | 1.00 | Sqm. | 222.00 | 222.00 |
| | joints etc. with 15 mm cement plaster of mix:1:6 (1 cement: | | -4 | | |
| | 6 fine/ coarse sand) | | | | |
| 7 | Supplying and fixing soorsagar bhura or equialent ashlar sills | | | | - |
| | lintel and dassa ,bearing ,bed and top surface made | -53000000000 | 0 | | |
| | | 1.00 | cum | 4473.0 | 4473.00 |
| | perfeenctly even jambs ,skirting steps etc. rough dressed upto | | | | |
| | 15 cm thick. | | | | |
| 8 | Supplying & fixing 560mm dia SFRC manhole frame & | | | | |
| | cover as per IS: 12592-2002 in existing manholes including | | | | |
| | grouting the frame in PCC M-15 complete in all respect as | 1.00 | each | 2685.00 | 2685.00 |
| 40 10 | directed by the Engineer, HD-20 | | | 1 0 | |
| 9 | | | | | |
| 9 | Providing and laying in position cement concrete of specified | | | | |
| | grade excluding the cost of centring and shuttering - All work | | | | |
| | upto plinth level :1:4:8 (1 Cement : 4 fine/ coarse sand : 8 | 1.00 | cum | 4340.00 | 4340.00 |
| | graded stone aggregate 40 mm nominal size). | | S25550000 | | |
| | grades stone aggregate to time normal size). | | | | |
| 10 | Providing and laying in position cement concrete of specified | | | | |
| | grade excluding the cost of centring and shuttering - All work | | | | |
| | upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 | 1.00 | cum | 5810.00 | 5810.00 |
| | | 1.00 | Cum | 3810.00 | 5810.00 |
| | graded stone aggregate 20 mm nominal size). For road | | | | |
| | restoration. | | | | |
| 11 | Carriage of Materials by mechanical transport including | | | | |
| | loading, unloading and stacking ::5km For road restoration. | | | | |
| | 3, 3 | | | | |
| | earth | 1.00 | cum | 245.95 | 246.00 |
| | Sand, bazri, | 1.00 | Ours. | 196.76 | 107.00 |
| | ballast, kankar | 1.00 | cum | 190.76 | 197.00 |
| 12 | | | | | 4 |
| 12 | desired shape of M 30 grade manufactured from fully | 100 | | | |
| | | | | | |
| | computerized automatic stationery hydraulic viebro pressed | | | | |
| | machine and fully computerized automatic batching plant of | | | | |
| | class A1/A2 as per BS 6717:2001. The CC interlocking | | 1 | | |
| | paying blocks be laid on average 50mm. thick bed of coarse | 1 | T. | | |
| | sand and the joint is to be filled with fine sand. Laying | 15000000 | | (020203 (1004)) | |
| | sand and the joint is to be filled with fille sand. Laying | 1.00 | Sqm. | 855.00 | 855.00 |
| | procedure on compacted sub-base as defined. Complete job | | | | |
| | is to be executed as per the instruction of Engineer incharge. | | 1 | 1 | |
| | The rates to be inclusive of all lead & Lifts etc. complete as | | | | |
| | per specifications. Tensile splitting strength, abrasion and | | | 1 | |
| | per specifications. Tensite spiriting strength, autasion and | | | 1 | |
| 25 | braking load etc. as per BS 6717:2001, Grey cement. 80mm | | | 1 | |
| | | 1 | II. | 1 | I . |
| 1 | thick | 1 | | 1 | II. |

| 13 | Providing and fixing of 60mm thick precast cement concrete interlocking paver block casted with rubber moulds in approved reflective colour and design having minimun compressive strength of 300 kg/ sq cm. The CC paving blocks be laid on average 50mm thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per | 1.00 | Sqm. | 737.00 | 737.00 |
|-----|--|------|------|---------|-------------------------|
| 14 | Empting of septic tank/ soakage well etc, disposing of sludge within a lead of 5km and taking out sewage including refilling with local earth, ramming and compaction in layers, cleaning of site. | 1.00 | Nos. | 4630.00 | 4630.00 |
| 15 | Providing at site, lowering & laying in trenches, aligning & jointing of PVC-U pipes (SN 8) as per IS 15328 (amended up to date) and as per specifications with rubber rings with socket and spigot joint, (EPDM/SBR) for all depths for pipe length as per drawing and specification including hydraulic field testing (including the cost and conveyance of water to site for testing) and commissioning etc complete as directed by Engineer. Note: E/w to be measured and paid separately. Length of pipe shall be measured in between the outer wall of two manholes / Inspection chambers. Pipe in the manhole/inspection chamber's wall shall deemed to be included in the item of manhole/inspection chamber shall not be payable. | | .50 | | |
| | 110 mm nominal dia | 1 | MTR | 267.5 | 268.00 |
| | 160 mm nominal dia | 1 | MTR | 558 | 558.00 |
| 16 | Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. | | | | |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and below | 1 | cum | 365 | 365.00 |
| . 1 | Cement Concrete Grade M-15 and above and PCC blocks | 1 | cum | 620 | 620.00 |
| | Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. | | | | |
| | In gratings, frames, guard bar, ladder, railings, brackets, gates | 1 | kg | 117.5 | 118.00 |
| - | Silt clearance of drains, channels and canals with lift 1.5 Mtr | 1 | cum | 348.5 | 349.00 |
| 8 | and lead up to 50 Mtr. | | | | The Fall Control of the |

| | 0.90 cem grad | widing and constructing of RR stone masonry circular sholes of "Type-Z" with internal dia 0.56m and depth upto 0 m having 300mm thick RR stone masonry wall in nent sand mortar 1:4, including concreting PCC M-10 de (1:3:6) for 225mm thick foundation including curing appaction and form work etc complete, PCC M15 for aching and channel portion, PCC M15 for fixing the | | | | |
|----|--|--|-----|-----------------|-------|----------|
| | No 1:3 vat and fix 12 ind rat w. | should frame and cover using stone aggregate 20mm siminal size, 20mm thick inside and outside plaster in C. M. B., inside plaster finished with floating coat of neat cement, the in CM1:1 around pipe entering and leaving the manhole deals at the junction of masonry and roof. Supplying and sting heavy duty SFRC manhole frame and cover as per 18 costs (Part I and II) having clear opening of 560mm, cluding refilling of Jhiri, including curing, watering, mming, hydro testing of manhole, conveyance & cost of later, and dewatering complete as directed by the Engineer. Tote-Only Excavation work will be measured and paid eparately (ZType Manholes) | 1 | each | 8150 | 8150.00 |
| 21 | n u | roviding and constructing of RR stone masonry circular nanholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 300mm thick RR stone masonry wall in seement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing | | | | |
| | | benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per 18 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note: | | | 27 | |
| | | Manhole "Type-A" of depth 0.90 m | 1 | each manhole | 15550 | 15550.00 |
| | 22 | Providing and constructing extra depth of manhole "Type-A" for depth beyond 0.90 m and upto 1.65 m with RR stone masonary including 20mm plaster inside and outside as per drawing and direction of Engineer. | 1 | metre | 8380 | 8380.00 |
| | 23 | Supplying & fixing 560mm opening dia SFRC manhole cover as per 1S: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer | 1 | each | 1407 | 1407.00 |
| | 24 | Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing C frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work RR stone work of raising depth of manhole to be paid | 1 1 | each | 570 | 570.00 |

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| | Total | | | | 73092.00 |
|----|---|---|------|-----|----------|
| 25 | Lowering of circular brick / RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab and manhole wall, taking out the existing Cl frame & cover of manhole and lowering it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth of manhole to be paid separately) | 1 | each | 570 | 570.00 |

Terms and Condition :-

- 1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।
- 2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
- 3.जी.सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
- 4.कार्य स्थल पर कार्य सम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
- 5.टंकण त्रूटी की अवस्था में सम्बन्धित रेट मान्य होगी।
- 6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो / विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगें।
- 7. दोष निवारण अवधि नियमानुसार रहेगी ।
- 8. दरें 4 माह तक मान्य रहेगी
- 9 सशर्त निविदा स्वीकार नहीं होगी ।
- 10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

EXECUTIVE ENGINEER
NAGAR NIGAM, JODHPUR.

| | 1- @ | Above/below the "G" Schedule. |
|---------------------------------------|-----------------|-------------------------------|
| I/We hereby agree to do the above wor | $\mathbf{K}(a)$ | ADDVC/DCIOW the G Selectation |

MUNICIPAL CORPORATION, JODHPUR (SOUTH)

| GSCHEDUL | F |
|-----------------|-----|
| ~~ CILLID UI | 480 |

| NIT No data | GSCHEDULE |
|----------------------|-------------------|
| Last Date of Sale :- | Sr No |
| Date of Receipt :- | Earnest Money: Rs |
| Copy issued to M/s | CR No Dated |

Name of Work :- Sewer line and manhole repair work at various places in ward No 16 (ARC) S. No. ITEMS RATE In QTY. AMOUNT Earth work for Sewer line and Manhole in excavation in Rs. foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level, including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. In all types soils such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m 1.00 Add extra for over all depth of excavation above 1.5 m and cum 274.50 275.00 upto 3.0 m over item no 17.1.1.1 1.00 cum 19.20 19.00 Dismantling of flexible pavements for sewer line and manholes and disposal of dismantled materials up to a lead of 50 metres, stacking serviceable and unserviceable materials separately as directed by Engineer. Bituminous courses 1.00 cum 493.50 494.00 Granular courses 1.00 cum 343.50 344.00 Providing at site, lowering & laying in trenches, aligning & jointing of RCC pipes NP4 class (with s/s ends) IS: 458 -2003 (amended up to date) marked and pipes from 300 mm and upto 1800 mm manufactured through vertical casting process at all depths with Rubber gaskets (EPDM/SBR) for sewer lines as per IS: 5382 (including cost of Rubber gaskets, lubricants) as per drawing, sectional testing of the sewer pipe line (including cost and conveyance of water to site) etc., complete as per specification and / or as directed by Engineer. Note: E/w to be measured and paid separately 200 mm internal diameter 1.00 metre 618.00 618.00 250 mm internal diameter 1.00 metre 883.00 883.00 300 mm internal diameter 1.00 metre 1158.00 1158.00 450 mm internal diameter 1.00 metre 2715.00 2715.00

| 4 | Providing granular bedding having width = outer dia of pipe (Bc) + 500mm, thickness below rise = 0.000 | | | | |
|----------|--|-------|---------|----------|---------|
| | (Bc) + 500mm, this land a strong width = outer dia of pipe | 5 | | | |
| | (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm (whichever is higher) and haunching a 5.55mm | | | | |
| | (whichever is higher) and haunching = 0.25Bc, with graded hard crusher broken stone of 100% | | | | 1 |
| | hard crusher broken stone of 100% passing through 20mm | | | | |
| | sheive, 20 to 50 % passing through 10mm sheive and 100 % retain on 6.3mm sheive, laying in the | | | | 1 |
| | retain on 6.3mm sheive, laying in layers of thickness | | | M. | 1 |
| | 10/15cm including a layers of thickness | | | | 1 |
| | | 1 | | 1 | |
| | all type of pipes of following sizes as per drawing and or as directed by Engineer. | | | | |
| | directed by Engineer. | 1 | 4 | | |
| | 200 mm internal diameter | | | | 1 1 |
| | 250 mm internal diameter | 1.00 | metre | 158.0 | 0 158.0 |
| | 300 mm internal diameter | 1.00 | metre | | |
| | 450 mm internal diameter | 1.00 | metre | | |
| 5 | Random rubble massage ist to | 1.00 | metre | | |
| | Random rubble masonry with hard stone in foundation and plinth: Cement mortar 1:6 (1 cement + 6 | | - metre | 333.5 | 330.0 |
| | plinth: Cement mortar 1:6 (1 cement: 6 coarse sand) | 1.00 | cum | 4245.0 | |
| 6 | Cement plactories: | 1.00 | Cum | 4243.0 | 4245.0 |
| | Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water | | | | _ |
| | complete labpour, including cost of water, curing, racking of joints etc. with 15 mm cement places as 6 vicing, racking of | - X | | | |
| | joints etc. with 15 mm cement plaster of mix:1:6 (1 cement: | 1.00 | Sqm. | 222.00 | 222.00 |
| 7 | 6 fine/ coarse sand) | | 1 | | 222.00 |
| , | Supplying and fixing soorsagar bhura or equialent ashlar sills lintel and dassa bearing bed and too a confidence of the sound state of the sound s | | | | |
| | lintel and dassa ,bearing ,bed and top surface made | | | | |
| | Paradictly even lambs skirting steps at a | 1.00 | cum | 4473.0 | |
| | 15 cm thick. | 11.50 | Cum | 44/3.0 | 4473.00 |
| 8 | Supplying & fixing 560mm dia SFRC manhole frame & | | | | 1 |
| | 100 for as per 15 . 1239/-/1007 in evisting 1 | | | | - |
| 11.00 | grouting the frame in PCC M-15 complete in all respect as | 1.00 | each | | |
| #1151 | | 1.00 | . cach | 2685.00 | 2685.00 |
| 9 | Providing and laying in position coment conserve C | | | 1 | 1 |
| | grade excluding the cost of centring and shuttering - All work | | | | |
| | upto plinth level :1:4:8 (1 Cement : 4 fine/ coarse sand : 8 | | | 1 | |
| | graded stone aggregate 40 mm nominal size). | 1.00 | cum | 4340.00 | |
| | .27% | | | 1540.00 | 4340.00 |
| 10 | Providing and laying in position cement concrete of specified | | | | |
| | grade excluding the cost of centring and shuttering - All work | | | | |
| | upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 | | | | |
| | graded stone aggregate 20 mm nominal size). For road | 1.00 | cum | 5810.00 | 5010 |
| | restoration. | | | - 3.0.00 | 5810.00 |
| 11 | Carriage of Materials by mechanical transport including | | | | |
| (P)(T)() | loading, unloading and stacking ::5km For road restoration. | | | | |
| | | | 1 | | |
| | earth | 1.00 | | | |
| | Sand, bazri, | 1.00 | cum | 245.95 | 246.00 |
| | ballast, kankar | 1.00 | cum | 196.76 | |
| 12 | Providing and fixing of precast concrete interlocking tiles of | | | . 20.76 | 197.00 |
| | desired shape of M 30 grade manufactured from fully | | | 59 | |
| | computerized automatic stationery hydraulic viebro pressed | | | | |
| | machine and fully computerized automatic batching plant of | | | | |
| | class A1/A2 as per BS 6717:2001. The CC interlocking | - 1 | | | - 1 |
| | paving blocks be laid on average 50mm. thick bed of coarse | | | | |
| | sand and the joint is to be filled with fine sand. Laying | | | | |
| | procedure on compacted sub-base as defined. Complete job | 1.00 | Sqm. | 855.00 | |
| | is to be executed as per the instruction of Engineer incharge. | | 4550 | 055.00 | 855.00 |
| 134 | The rates to be inclusive of all lead & Lifts etc. complete as | - | | | |
| | per specifications. Tensile splitting strength, abrasion and | 1 | | | |
| | braking load etc. as per BS 6717:2001, Grey cement. 80mm | | | | |
| | | - 1 | 1 | - 1 | |
| | thick | | | | |

| 3 P | roviding and fixing of 60mm thick precast cement concrete | | | | |
|----------------------|--|-------|----------------|---------|---------|
| a a c b tt C C E I I | nterlocking paver block casted with rubber moulds in proved reflective colour and design having minimun ompressive strength of 300 kg/ sq cm. The CC paving locks be laid on average 50mm thick bed of coarse sand and he joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per the instructions Empting of septic tank/ soakage well etc, disposing of sludge within a lead of 5km and taking out sewage including | 1.00 | Sqm. | 737.00 | 737.00 |
| | refilling with local earth, ramming and compaction in layers, cleaning of site. | 1.00 | Nos. | 4630.00 | 4630.00 |
| 15 | Providing at site, lowering & laying in trenches, aligning & jointing of PVC-U pipes (SN 8) as per IS 15328 (amended up to date) and as per specifications with rubber rings with socket and spigot joint, (EPDM/SBR) for all depths for pipe length as per drawing and specification including hydraulic field testing (including the cost and conveyance of water to site for testing) and commissioning etc complete as directed by Engineer. Note: E/w to be measured and paid separately. Length of pipe shall be measured in between the outer wall of two manholes / Inspection chambers. Pipe in the manhole/inspection chamber's wall shall deemed to be | | | | |
| KH 47 | included in the item of manhole/inspection chamber shall not be payable. | 1 6.2 | | | |
| | 110 mm nominal dia | 1 | MTR | 267.5 | 268.00 |
| | 160 mm nominal dia | 1 | MTR | 558 | 558.00 |
| 16 | Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. | | z ₊ | | |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and below | 1 | cum | 365 | 365.00 |
| 6. | Cement Concrete Grade M-15 and above and PCC blocks | 1 | cum | 620 | 620.00 |
| 17 | Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. | | | | |
| | In gratings, frames, guard bar, ladder, railings, brackets; gates and similar works. | 1 | kg | 117.5 | 118.00 |
| _ | Silt clearance of drains, channels and canals with lift 1.5 Mtr | 1 | cum | 240.5 | |
| 18 | and lead up to 50 Mtr. Sludge clearance of drains, channels and canals with lift 1.5 | 2.7 | cum | 348.5 | 349.00 |

| | Providing and constructing of RR stone masonry circular manholes of "Type-Z" with internal dia 0.56m and depth upto 0.90 m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:3:6) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, PCC M15 for fixing the manhole frame and cover using stone aggregate 20mm Nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and roof. Supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note- Only Excavation work will be measured and paid separately (ZType Manholes) | 1 | each | 8150 | 8150.00 |
|----|--|---|-----------------|-------|----------|
| 21 | Providing and constructing of RR stone masonry circular manholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per 1S 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note:- | | | | |
| - | Manhole "Type-A" of depth 0.90 m | 1 | each manhole | 15550 | 15550.00 |
| | Providing and constructing extra depth of manhole "Type-A" for depth beyond 0.90 m and upto 1.65 m with RR stone masonary including 20mm plaster inside and outside as per drawing and direction of Engineer. | 1 | metre | 8380 | 8380.00 |
| - | Supplying & fixing 560mm opening dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer | 1 | each | 1407 | 1407.00 |
| | 24 Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing Cl frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work / RR stone work of raising depth of manhole to be paid separately) | 1 | each | 570 | 570.00 |

| Lowering of circular brick / RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab and manhole wall, taking out the existing CI frame & cover of manhole and lowering it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth of manhole to be paid separately) | 1 | each | 570 | 570.00 |
|---|---|------|-----|----------|
| Total | | | | 73092.00 |

Terms and Condition :-

- 1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।
- 2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
- 3.जी.सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
- 4.कार्य स्थल पर कार्य सम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
- ठंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।
- 6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा
- 7. दोष निवारण अवधि नियमानुसार रहेगी ।
- 8. दरें 4 माह तक मान्य रहेगी
- 9 सशर्त निविदा स्वीकार नहीं होगी ।
- 10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

NAGAR NIGAM, JODHPUR.

I/We hereby agree to do the above work @ Above/below the "G" Schedule.

MUNICIPAL CORPORATION, JODHPUR (SOUTH) <u>GSCHEDULE</u>

| NIT No date | GSCHEDULE |
|----------------------|-------------------|
| Last Date of Sale :- | Sr No |
| Date of Receipt :- | Earnest Money: Rs |
| Copy issued to M/s | CR No Dated |

| S. No. | Control of the Contro | | QTY. | RATE In | AMOUN |
|--|--|------|-------|---------|-------------------|
| | Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. | | | N3: | |
| | In all types soils such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. | | | | - |
| | Depth upto 1.5 m | 1.00 | cum | 274.50 | 275.00 |
| 1.7 | Add extra for over all depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1 | 1.00 | cum | 19.20 | 275.00 19.00 |
| | Dismantling of flexible pavements for sewer line and manholes and disposal of dismantled materials up to a lead of 50 metres, stacking serviceable and unserviceable materials separately as directed by Engineer. | | | | |
| 1 | Bituminous courses | 1.00 | cum | 493.50 | 40.4.00 |
| | Granular courses | 1.00 | cum | 343.50 | 494.00 |
| j 2 n c ((c s c s | Providing at site, lowering & laying in trenches, aligning & ointing of RCC pipes NP4 class (with s/s ends) IS: 458 - 2003 (amended up to date) marked and pipes from 300 mm and upto 1800 mm manufactured through vertical easting process at all depths with Rubber gaskets EPDM/SBR) for sewer lines as per IS: 5382 (including cost of Rubber gaskets, lubricants) as per drawing, ectional testing of the sewer pipe line (including ost and conveyance of water to site) etc., complete as per pecification and / or as directed by Engineer. Note: E/w to e measured and paid separately | | ¥ 65 | 31330 | 344.00 |
| 2 | 00 mm internal diameter | 1.00 | metre | 618.00 | (10.00 |
| | 50 mm internal diameter | 1.00 | metre | 883.00 | 618.00 |
| 30 | 00 mm internal diameter | 1.00 | metre | 1158.00 | 883.00 1158.00 |
| | 50 mm internal diameter | 1.00 | metre | 2715.00 | 2715.00 |

| 4 | Providing granular bedding having width = outer dia of pipe (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm (whichever is higher) and haunching = 0.5Bc, with graded hard crusher broken stone of 100% passing through 20mm sheive, 20 to 50 % passing through 10mm sheive and 100 % retain on 6.3mm sheive, laying in layers of thickness 10/15cm including ramming, consolidation etc complete for all type of pipes of following sizes as per drawing and or as directed by Engineer. | | | | · . |
|-----|---|------|-------|----------------|--------|
| | 200 mm internal diameter | 1.00 | metre | 158.00 | 158. |
| | 250 mm internal diameter | 1.00 | metre | 175.00 | 175.0 |
| | 300 mm internal diameter | 1.00 | metre | 199.00 | 199. |
| 5 | 450 mm internal diameter | 1.00 | metre | 335.50 | 336. |
| 3 | Random rubble masonry with hard stone in foundation and plinth: Cement mortar 1:6 (1 cement: 6 coarse sand) | 1.00 | cum | 42 45.0 | 4245. |
| . 6 | Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water, curing, racking of joints etc. with 15 mm cement plaster of mix:1:6 (1 cement: 6 fine/ coarse sand) | 1.00 | Sqm. | 222.00 | 222.0 |
| 7 | Supplying and fixing soorsagar bhura or equialent ashlar sills lintel and dassa, bearing, bed and top surface made perfeenctly even jambs, skirting steps etc. rough dressed upto 15 cm thick. | 1.00 | cum | 4473.0 | 4473. |
| 8 | Supplying & fixing 560mm dia SFRC manhole frame & cover as per IS: 12592-2002 in existing manholes including | 1.00 | each | 2685.00 | |
| | grouting the frame in PCC M-15 complete in all respect as directed by the Engineer, HD-20 | 1.00 | Cacii | 2083.00 | 2685. |
| 9 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level:1:4:8 (1 Cement: 4 fine/ coarse sand: 8 graded stone aggregate 40 mm nominal size). | 1.00 | cum | 4340.00 | 4340.0 |
| 10 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size). For road restoration. | 1.00 | cum | 5810.00 | 5810.0 |
| 11 | Carriage of Materials by mechanical transport including loading, unloading and stacking ::5km For road restoration. | | | | |
| | earth | 1.00 | cum | 245.95 | 246.0 |
| 4 | Sand, bazri, ballast, kankar | 1.00 | cum | 196.76 | 197.0 |
| 12 | Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic viebro pressed machine and fully computerized automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm, thick bed of coarse sand and the joint is to be filled with fine sand, Laying procedure on compacted sub-base as defined. Complete job | 1.00 | Sqm | 855.00 | 855.00 |
| | is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per specifications. Tensile splitting strength, abrasion and braking load etc. as per BS 6717:2001, Grey cement. 80mm thick | a 52 | * | | |

| 13 | D 11 | | | | |
|----|--|------|------|---------|---------|
| | Providing and fixing of 60mm thick precast cement concrete interlocking paver block casted with rubber moulds in approved reflective colour and design having minimun compressive strength of 300 kg/ sq cm. The CC paving blocks be laid on average 50mm thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per | 1.00 | Sqm. | 737.00 | 737.00 |
| 14 | Empting of septic tank/ soakage well etc, disposing of sludge within a lead of 5km and taking out sewage including refilling with local earth, ramming and compaction in layers, cleaning of site. | 1.00 | Nos. | 4630.00 | 4630.00 |
| 15 | Providing at site, lowering & laying in trenches, aligning & jointing of PVC-U pipes (SN 8) as per IS 15328 (amended up to date) and as per specifications with rubber rings with socket and spigot joint, (EPDM/SBR) for all depths for pipe length as per drawing and specification including hydraulic field testing (including the cost and conveyance of water to site for testing) and commissioning etc complete as directed by Engineer. Note: E/w to be measured and paid separately. Length of pipe shall be measured in between the outer wall of two manholes / Inspection chambers. Pipe in the manhole/inspection chamber's wall shall deemed to be included in the item of manhole/inspection chamber shall not be payable. | | | | |
| | 110 mm nominal dia | 1 | MTR | 267.5 | 268.00 |
| _ | 160 mm nominal dia | i | MTR | 558 | 558.00 |
| 16 | Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. | | * | | a 8 |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and below | 1 | cum | 365 | 365.00 |
| | Cement Concrete Grade M-15 and above and PCC blocks | 1 | cum | 620 | 620.00 |
| 17 | Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. | | | | |
| | In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. | 1 | kg | 117.5 | 118.00 |
| | Silt clearance of drains, channels and canals with lift 1.5 Mtr | 1 | cum | 348.5 | 349.00 |
| 18 | and lead up to 50 Mtr. | • | | | 1 |

| 20 1- | 10.00 | | | | |
|---|--|-------------|-----------------|-------|----------|
| m 0. cc g g cc cc b n n N 1 1 v a a f i | roviding and constructing of RR stone masonry circular nanholes of "Type-Z" with internal dia 0.56m and depth upto 1.90 m having 300mm thick RR stone masonry wall in the ement sand mortar 1:4, including concreting PCC M-10 rade (1:3:6) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for the enching and channel portion, PCC M15 for fixing the manhole frame and cover using stone aggregate 20mm and Nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, wata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and roof. Supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note- Only Excavation work will be measured and paid separately (ZType Manholes) | 1 | each | 8150 | 8150.00 |
| | Providing and constructing of RR stone masonry circular manholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note:- | at a second | | | |
| | Manhole "Type-A" of depth 0.90 m | 1 | each manhole | 15550 | 15550.00 |
| 22 | Providing and constructing extra depth of manhole "Type-A" for depth beyond 0.90 m and upto 1.65 m with RR stone masonary including 20mm plaster inside and outside as per drawing and direction of Engineer. | 1 | metre | 8380 | 8380.00 |
| 23 | Supplying & fixing 560mm opening dia SFRC manhole cover as per 1S: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer | 1 | each | 1407 | 1407.00 |
| 24 | Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing CI frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work / RR stone work of raising depth of manhole to be paid | 1 | each | 570 | 570.00 |

| Total | | • | | 73092.00 |
|---|---|------|-----|----------|
| Lowering of circular brick / RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab and manhole wall, taking out the existing CI frame & cover of manhole and lowering it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth of manhole to be paid separately) | 1 | each | 570 | 570.00 |

Terms and Condition :-

- 1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।
- 2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
- 3.जी.सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
- 4.कार्य स्थल पर कार्य संम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
- 5.टंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।
- 6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो / विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगें।
- 7. दोष निवारण अवधि नियमानुसार रहेगी ।
- 8. दरें 4 माह तक मान्य रहेगी
- 9 सशर्त निविदा स्वीकार नहीं होगी ।
- 10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

3

EXECUTIVE ENGINEER NAGAR NIGAM, JODHPUR.

I/We hereby agree to do the above work @ _____ Above/below the "G" Schedule.

MUNICIPAL CORPORATION, JODHPUR (SOUTH)

| NITT >: | CHEDULE |
|----------------------|-------------------|
| NIT No date | Sr No |
| Dast Date of Sale :- | Earnest Money: Rs |
| Date of Receipt :- | CR No Dated |
| Conviscued to M/s | CRITORIUM |

| S. No. | of Work :- Sewer line and manhole repair work at var ITEMS | QTY. | | ITEMS QTY. RATE In Rs. | RATE In | AMOUNT |
|--------|--|------|-------|------------------------|--------------------|--------|
| | Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. | | | | | |
| | In all types soils such as moorum, sand, sandy silt, clay, black | | | | | |
| | cotton soil, kankar, etc. Depth upto 1.5 m | 1.00 | | 274.50 | 275.00 | |
| | Add extra for over all depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1 | 1.00 | cum | 19.20 | 19.00 | |
| 2 | Dismantling of flexible pavements for sewer line and manholes and disposal of dismantled materials up to a lead of 50 metres, stacking serviceable and unserviceable materials separately as directed by Engineer. | ** | | | | |
| | Bituminous courses | 1.00 | cum | 493.50 | 494.00 | |
| | Granular courses | 1.00 | cum | 343.50 | 344.00 | |
| 3 | Providing at site, lowering & laying in trenches, aligning & jointing of RCC pipes NP4 class (with s/s ends) IS: 458 - 2003 (amended up to date) marked and pipes from 300 mm and upto 1800 mm manufactured through vertical casting process at all depths with Rubber gaskets (EPDM/SBR) for sewer lines as per IS: 5382 (including cost of Rubber gaskets, lubricants) as per drawing, sectional testing of the sewer pipe line (including cost and conveyance of water to site) etc., complete as per specification and / or as directed by Engineer. Note: E/w to be measured and paid separately | | | | | |
| | 200 mm internal diameter | 1.00 | metre | 618.00 | (10.0- | |
| | 250 mm internal diameter | 1.00 | metre | 883.00 | 618.00 | |
| | 300 mm internal diameter | 1.00 | metre | 1158.00 | 883.00 | |
| | 450 mm internal diameter | 1.00 | metre | 2715.00 | 1158.00 2715.00 | |

| Γ | 4 Provide | | | | |
|--|---|---------------------|--------|----------|----------|
| | (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm (whichever is higher) and haunching = 0.5Bc, with grade hard crusher broken stone of 100% passing through 20m sheive, 20 to 50 % passing through 10mm sheive and 10m retain on 6.3mm sheive, laying in layers of thickness 10/15cm including ramming, consolidation etc complete all type of pipes of following sizes as per drawing and or directed by Engineer. | m ed m 0 % | | | |
| | 200 mm internal diameter | 1. | 00 met | re 158.0 | 0 158.00 |
| | 250 mm internal diameter 300 mm internal diameter | | 00 met | | |
| | 450 mm internal diameter | | 00 met | | |
| | Random rubble masonry with hard stone in foundation and | 1.0 | 00 met | re 335.5 | 336.00 |
| | printn: Cement mortar 1:6 (1 cement: 6 coarse sand) | 1.0 | 00 cun | n 4245.0 | 4245.00 |
| 6 | complete labpour, including cost of water, curing, racking joints etc. with 15 mm cement plaster of mix:1:6 (1 cemen 6 fine/ coarse sand) | of t: 1.0 | 0 Sqm | . 222.00 | 222.00 |
| 7 | lintel and dassa ,bearing ,bed and top surface made perfeenctly even jambs ,skirting steps etc. rough dressed up 15 cm thick. | | 0 cum | 4473.0 | 4473.00 |
| 8 | Supplying & fixing 560mm dia SFRC manhole frame & cover as per IS: 12592-2002 in existing manholes including grouting the frame in PCC M-15 complete in all respect as directed by the Engineer. HD-20 | 1.00 | each | 2685.00 | 2685.00 |
| 9 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All wor upto plinth level: 1:4:8 (1 Cement: 4 fine/ coarse sand: 8 graded stone aggregate 40 mm nominal size). | | cum | 4340.00 | 4340.00 |
| 10 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size). For road restoration. | | cum | 5810.00 | 5810.00 |
| 11 | Carriage of Materials by mechanical transport including loading, unloading and stacking ::5km For road restoration. | æ | | | |
| | earth | 1.00 | cum | 245.95 | 246.00 |
| | Sand, bazri, | 1.00 | cum | 196.76 | 197.00 |
| 12 If do c c m c c c m c c c s a p r is Th | Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic viebro pressed machine and fully computerized automatic batching plant of lass A1/A2 as per BS 6717:2001. The CC interlocking aving blocks be laid on average 50mm, thick bed of coarse and and the joint is to be filled with fine sand. Laying rocedure on compacted sub-base as defined. Complete job to be executed as per the instruction of Engineer incharge, he rates to be inclusive of all lead & Lifts etc. complete as a respecifications. Tensile splitting strength, abrasion and aking load etc. as per BS 6717:2001, Grey cement. 80mm | 1.00 | Sqm. | 855.00 | 855.00 |

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| 10 | | | | | |
|------|--|------|------|---------|---------|
| 13 | Providing and fixing of 60mm thick precast cement concrete interlocking paver block casted with rubber moulds in approved reflective colour and design having minimun compressive strength of 300 kg/sq cm. The CC paving blocks be laid on average 50mm thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per | 1.00 | Sqm. | 737.00 | 737.00 |
| 14 | Empting of septic tank/ soakage well etc, disposing of sludge within a lead of 5km and taking out sewage including refilling with local earth, ramming and compaction in layers, cleaning of site. | 1.00 | Nos. | 4630.00 | 4630.00 |
| 15 | Providing at site, lowering & laying in trenches, aligning & jointing of PVC-U pipes (SN 8) as per IS 15328 (amended up to date) and as per specifications with rubber rings with socket and spigot joint, (EPDM/SBR) for all depths for pipe length as per drawing and specification including hydraulic field testing (including the cost and conveyance of water to site for testing) and commissioning etc complete as directed by Engineer. Note: E/w to be measured and paid separately. Length of pipe shall be measured in between the outer wall of two manholes / Inspection chambers. Pipe in the manhole/inspection chamber's wall shall deemed to be included in the item of manhole/inspection chamber shall not be payable. | ¥ç X | | | |
| W | 110 mm nominal dia | 1 | MTR | 267.5 | 268.00 |
| | 160 mm nominal dia | 1 | MTR | 558 | 558.00 |
| . 16 | Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. | B | | | |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and below | 1 | cum | 365 | 365.00 |
| | 1 1/15 and above and PCC blocks | 1 | cum | 620 | 620.00 |
| | Cement Concrete Grade M-15 and above and PCC blocks | • | cum | | |
| 17 | Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel | • | cum | | 020100 |
| 17 | Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates | 1 | kg | 117.5 | 118.00 |
| 17 | Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel | | | | |

| Providing and constructing of RR stone masonry circular manholes of "Type-Z" with internal dia 0.56m and depth upto 0.90 m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:3:6) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, PCC M15 for fixing the manhole frame and cover using stone aggregate 20mm Nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and roof. Supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note- Only Excavation work will be measured and paid separately (ZType Manholes) | 1 | each | 8150 | 8150.00 |
|--|---|-----------------|-------|----------|
| Providing and constructing of RR stone masonry circular manholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note:- | | | | |
| Manhole "Type-A" of depth 0.90 m | 1 | each manhole | 15550 | 15550.00 |
| Providing and constructing extra depth of manhole "Type-A" for depth beyond 0.90 m and upto 1.65 m with RR stone masonary including 20mm plaster inside and outside as per drawing and direction of Engineer. | 1 | metre | 8380 | 8380.00 |
| Supplying & fixing 560mm opening dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer | Í | each | 1407 | 1407.00 |
| Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing Cl frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work RR stone work of raising depth of manhole to be paid | 1 | each | 570 | 570.00 |

| 25 | Lowering of circular brick / RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab and manhole wall, taking out the existing Cl frame & cover of manhole and lowering it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth | 1 | each | 570 | 570.00 |
|----|---|---|------|-----|---------|
| | of manhole to be paid separately) | | | | 73092.0 |

Terms and Condition :-

- 1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।
- 2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
- 3.जी.सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
- 4.कार्य स्थल पर कार्य संम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
- उंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।
- 6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो / विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगें।
- 7. दोष निवारण अवधि नियमानुसार रहेगी ।
- 8. दरें 4 माह तक मान्य रहेगी
- 9 सशर्त निविदा स्वीकार नहीं होगी ।
- 10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

EXECUTIVE ENGINEER NAGAR NIGAM, JODHPUR.

| I/We hereby agree to do the above work @ | Above/below the "G" Schedule. |
|--|-------------------------------|
| I/We hereby agree to do un | |

MUNICIPAL CORPORATION, JODHPUR (SOUTH) GSCHEDULE

| NIT No. | GSCHEDULE |
|--------------------|-------------------|
| NIT No date | Sr No |
| Date of Receipt :- | Earnest Money: Rs |
| Copy issued to M/s | CR No Dated |

| S. No. | ITEMS | | | RATE In Rs. | AMOUN | |
|--------|---|------|-------|----------------|---------|--|
| 1 | Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. | | *** | | | |
| | In all types soils such as moorum, sand, sandy silt, clay, black | | | | | |
| 14. r | cotton soil, kankar, etc. | 1.00 | cum | 274.50 | 275.00 | |
| | Depth upto 1.5 m Add extra for over all depth of excavation above 1.5 m and | | | 19.20 | 19.00 | |
| | to 2.0 m over item no 17.1.1.1 | 1.00 | cum | 19.20 | ., | |
| 2 | Dismantling of flexible pavements for sewer line and manholes and disposal of dismantled materials up to a lead of 50 metres, stacking serviceable and unserviceable materials separately as directed by Engineer. | | | | | |
| | | 1.00 | cum | 493.50 | 494.00 | |
| * | Bituminous courses | 1.00 | cum | 343.50 | 344.00 | |
| | Granular courses Providing at site, lowering & laying in trenches, aligning & jointing of RCC pipes NP4 class (with s/s ends) IS: 458 - 2003 (amended up to date) marked and pipes from 300 mm and upto 1800 mm manufactured through vertical casting process at all depths with Rubber gaskets (EPDM/SBR) for sewer lines as per IS: 5382 (including cost of Rubber gaskets, lubricants) as per drawing, sectional testing of the sewer pipe line (including cost and conveyance of water to site) etc., complete as per specification and / or as directed by Engineer. Note: E/w to be measured and paid separately | | | | 300 | |
| | | 1.00 | metre | 618.00 | 618.00 | |
| | 200 mm internal diameter | 1.00 | metre | 883.00 | 883.00 | |
| | 250 mm internal diameter 300 mm internal diameter | 1.00 | metre | 1158.00 | 1158.00 | |
| | 450 mm internal diameter | 1.00 | metre | 2715.00 | 2715.00 | |

| | | d U. Gaine | 1 | 1 | | |
|---------|--------|--|-------|------------|----------------|------------------|
| | 4 | Providing granular bedding having width = outer dia of pipe | | 1 | | - |
| - 1 | | (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm | i | | 1 | |
| - 1 | | (whichever is higher) and haunching = 0.5Bc, with graded | 1 | | 1 | |
| - 1 | | hard crusher broken stone of 100% passing through 20mm sheive, 20 to 50 % passing through 10mm sheive and 100 % | s: | 1 | 1 | 4 1 |
| - 1- | | shelve, 20 to 50 % passing through Tollin shelve and | | | 1 | |
| 21 | | retain on 6.3mm sheive, laying in layers of thickness 10/15cm including ramming, consolidation etc complete for | | | 1 | 1 |
| | | all type of pipes of following sizes as per drawing and or as | | | | |
| | | all type of pipes of following sizes as per diaming | | | | -2.00 |
| | | directed by Engineer. | 1.00 | metre | 158.00 | 158.00 175.00 |
| | _ | 200 mm internal diameter | 1.00 | metre | 175.00 | 199.00 |
| | | 250 mm internal diameter | 1.00 | metre | 199.00 | 336.00 |
| | | 300 mm internal diameter | 1.00 | metre | 335.50 | 330.00 |
| | | i.a. i. diameter | 1.02 | | | 4245.00 |
| | 5 | Random rubble masonry with hard stone in foundation and | 1.00 | cum | 4245.0 | 42.00 |
| 10 | 141 | plinth : Cement mortar 1:6 (1 cement : 6 coarse sand) | | | | |
| | | | | | | 00 |
| | 6 | Cement plastering including T&P, scaffolding, material and | 1.00 | Sqm. | 222.00 | 222.00 |
| 1 | | | 1.00 | J. | | |
| | | joints etc. with 15 mm cement plaster of link 11.0 (|) | | | |
| | | 6 fine/ coarse sand) | | | | |
| | | - I Gwing coorgagar bhura of couraint | 1.00 | cum | 4473.0 | 4473.00 |
| | | | 1.00 | Tetranica | | 4 |
| | - 1 | intel and dassa, bearing, bed and top survively dressed upto perfeenctly even jambs, skirting steps etc. rough dressed upto | | | | |
| | li | 5 cm thick. supplying & fixing 560mm dia SFRC manhole frame & | | 1 | | -<07.00 |
| | | | 1.00 | each | 2685.00 | 2685.00 |
| 1 | c | over as per IS: 12592-2002 in existing manholes including | 1.00 | 90235000 | | |
| - | g | routing the frame in PCC M-13 complete in | | | | |
| | d | irected by the Engineer. HD-20 | | | | |
| 9 | P | roviding and laying in position contains and shuttering - All work | | aum | 4340.00 | 4340.00 |
| | gı | rade excluding the cost of centring and shared sand : 8 oto plinth level :1:4:8 (1 Cement : 4 fine/ coarse sand : 8 | 1.00 | cum | 45 10101 | |
| | up | oto plinth level :1:4:8 (1 Centers 1 Page 1). | | | | |
| | gr | aded stone aggregate 40 mm nominal size). | | | | |
| | | oviding and laying in position cement concrete of specified | 1 | | 1 | - |
| 10 | Pr | oviding and laying in position certeil concrete or plant oviding and shuttering - All work and excluding the cost of centring and shuttering - All work and excluding the 11/23 (1 Centent: 11/2 coarse sand: 3 | | aum | 5810.00 | 5810.00 |
| | gra | ade excluding the cost of centring and shates and : 3 to plinth level : 1:1½:3 (1 Cement : 1½ coarse sand : 3 | 1.00 | cum | 5010.00 | 14 |
| | up | to plinth level: 1:1½:3 (1 Cement : 172 course to be plinth level: 1:1½:3 (1 Cement : 172 course | | | | |
| | gra | ded stone aggregate 20 mm nemmas | | _ | | |
| | rec | toration. Levicel transport including | | | | n n |
| 11 | Car | riage of Materials by incommendation ::5km For road restoration. | - 1 | | | |
| | loa | riage of Materials by mechanical transport interesting riage | | | 045.05 | 246.00 |
| | | | 1.00 | cum | 245.95 | 240.00 |
| | eart | h | 1.00 | cum | 196.76 | 197.00 |
| | San | d, bazri, | **** | 5251290289 | 097.007.007.00 | |
| | ball | ast, kankar viding and fixing of precast concrete interlocking tiles of | | - 1 | | |
| 12 | Prov | red shape of M 30 grade manufactured from fully | - 1 | | | |
| | desi | red shape of M 30 grade manufactured hemosphered shape of M 30 grade manufactured hemosphered puterized automatic stationery hydraulic viebro pressed puterized automatic batching plant of | | | - 1 | |
| | com | puterized automatic stationery by attention plant of | - 1 | | | |
| | macl | puterized automatic stationery flydiathle vices plant of nine and fully computerized automatic batching plant of | 1 | | | |
| | class | A1/A2 as per BS 6717:2001. The CC interlocking | | | | |
| | | | | 0 | 055.00 | 0.5.00 |
| | | | 1.00 | Sqm. | 855.00 | 855.00 |
| | | | | | | |
| | | an nor the inciricular of Luguicoi monarge. | - 1 | - 1 | | |
| | | | | | | 3 |
| | | Toncile entiffing strength, aprasion and | | | | |
| | per sp | g load etc. as per BS 6717:2001, Grey cement. 80mm | | | | 1 |
| | | g load etc. as per 22 | | | | - 1 |
| 1 | hick | | | | | *. |
| \perp | | | | | | |

| 3 | Providing and fixing of 60mm thick precast cement concrete | | | | |
|-----|--|---------------------|--------|---------|------------------|
| | interlocking paver block casted with rubber moulds in | | | 1 |) |
| | approved reflective colour and design having minimun | | | 1 | |
| | compressive strength of 300 kg/ sq cm. The CC paving | . 1 | 1 | | |
| | blocks be laid on average 50mm thick bed of coarse sand and | | Sqm. | 737.00 | 737.00 |
| | the joint is to be filled with fine sand. | 1.00 | Sqiii. | 757.00 | |
| | Laying procedure on compacted sub-base as defined. | | | | |
| | Complete job is to be executed as per the instruction of | | | | |
| | Engineer incharge. The rates to be inclusive of all lead & | | | -1 | |
| | Lifts etc. complete as per | | | | |
| | specifications 11 + Homoging of sludge | | | | |
| 14 | Empting of septic tank/ soakage well etc, disposing of sludge | | Nos. | 4630.00 | 4630.00 |
| | within a lead of 5km and taking out sewage including | 1.00 | 1405. | 100 | |
| | refilling with local earth, ramming and compaction in layers, | | | | |
| | cleaning of site. | | | | |
| 15 | Providing at site, lowering & laying in trenches, aligning & | | | | |
| | jointing of PVC-U pipes (SN 8) as per IS 15328 (amended up | | | | |
| | to date) and as per specifications with rubber rings with socket and spigot joint, (EPDM/SBR) for all depths for pipe | | - | 1 | |
| | socket and spigot joint, (EPDW/SBR) for an expension including hydraulic | | | | |
| | length as per drawing and specification including hydraulic | | | | |
| | field testing (including the cost and conveyance of water to | | | - | |
| | site for testing) and commissioning etc complete as directed site for testing) and commissioning etc complete as directed site for testing). | | | | 3.85 |
| | by Engineer. Note: E/w to be measured and paid separately. Length of pipe shall be measured in between the outer wall of | | | | |
| | Length of pipe shall be measured in between the | | | | |
| | two manholes / Inspection chambers. Pipe in the | | | | |
| | two manholes / Inspection chambers and shall deemed to be manhole/inspection chamber's wall shall deemed to be included in the item of manhole/inspection chamber shall not included in the item of manhole/inspection chamber shall not | | | | 260.00 |
| | included in the item of mannois inspection | | | | |
| | be payable. | 1 | MTR | 267.5 | 268.00 558.00 |
| - | 110 mm nominal dia | 1 | MTR | 558 | 330.00 |
| | 160 mm nominal dia | | | | , D. |
| 16 | Dismantling of existing structures into the comprising of | | | | |
| 10 | Dismantling of existing structures like curvers, or retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including the concrete work work work work work work work work | | | | * |
| | masonry, cement concrete, we | | | | ** 10.00 |
| | T&P and scaffolding wherever a scale material and | | 1 | | |
| | dismantled material, disposal of unserviceable material dismantled material, disposal of unserviceable material with all lifts and lead of 50 stacking the serviceable material with all lifts and lead of 50 | | 1 | | |
| | Also cerviceable material | | | | |
| | metres as directed by Engineer. | | 1 | | |
| | 1 | | | | |
| .8. | Lime Concrete, cement concrete grade M-10 (1:5:10) and | 1 | cum | 365 | 365.00 |
| | Lime Concrete, certifier | | | | |
| | below | | | (20 | 620.00 |
| | Cement Concrete Grade M-15 and above and PCC blocks | 1 | cum | 620 | 020.00 |
| | Cement Concrete 2 | | | | |
| | Steel work welded in built up sections/ framed work Steel work welded in built up sections/ framed work | | | | |
| 17 | Steel work welded in built up sections hand work including cutting, hoisting, fixing in position and applying a including cutting, hoisting, fixing in position and applying a including cutting, hoisting, fixing in position and applying a | | | | |
| | including cutting, hoisting, fixing in position and applying including coat of approved steel primer using structural steel priming coat of approved steel primer using structural steel | | | | |
| | priming coat of appropriate | 111 920 | 1261 | | 110.00 |
| | etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates | 1 | kg | 117.5 | 118.00 |
| | In graungs, manner, o | | | | |
| | and similar works. Silt clearance of drains, channels and canals with lift 1.5 Mtr | 1 | cum | 348.5 | 349.00 |
| | ISH Clearance | 1 04111 5 10115 | | | |
| 18 | Lead up to 50 Mtr. | | | 1 | |
| 18 | and lead up to 50 Mit. | | | | |
| 18 | and lead up to 50 Mtr. | 1 | cum | 372.5 | 373.00 |

| 20 | Providing and constructing of RR stone masonry circular | | | | |
|----------|--|------|-----------------|-------|----------------|
| | manholes of "Type-Z" with internal dia 0.56m and depth upto 0.90 m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 | | | | - a |
| | grade (1:3:6) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, PCC M15 for fixing the manhole frame and cover using stone aggregate 20mm Nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, | 1 | each | 8150 | 8150.00 |
| | vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and roof. Supplying and fixing heavy duty SFRC manhole frame and cover as per IS | | 19 | | |
| | 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note- Only Excavation work will be measured and paid separately (ZType Manholes) | | | | |
| 21 | Providing and constructing of RR stone masonry circular manholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 300mm thick RR stone masonry wall in | 41.4 | | | |
| | grade (1:4:8) for 225mm thick foundation including curing grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm manhole frame and cover using stone aggregate in C. M. | | an a | | |
| , | 1:3, inside plaster finished with reference and leaving the manhole vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, and also at the junction of masonry and concrete slab, and also at the junction of SFRC foot steps of approved make at providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying and fixing every 0.30m height fixed in CM 2:3, supplying every 0.30m hei | | | | 2 |
| , A a | every 0.30m height fixed in CM 1:3, supplying and every 0.30m height fixed in CM 1:3, supplying and the supplying and th | 3 | | | E) |
| | Manhole "Type-A" of depth 0.90 m | 1 | each manhole | 15550 | 15550.00 |
| 22 | Providing and constructing extra depth of manhole "Type-A" for depth beyond 0.90 m and upto 1.65 m with RR stone masonary including 20mm plaster inside and outside as per masonary direction of Engineer. | 1 | metre | 8380 | 8380.00 |
| 23 | Supplying & fixing 560mm opening dia SFRC mannote | 1 | each | 1407 | 1407.00 |
| | Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing CI including dismantling existing slab, taking out the existing circular slab existing slab, taking out the existing circular slab existing slab, taking out the existing slab e | | 201 | 570 | 5 00 00 |
| | level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work / RR stone work of raising depth of manhole to be paid | 1 | each | 570 | 570.00 |

| Total | | | | 73092.00 |
|---|---|------|-----|----------|
| Lowering of circular brick / RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab and manhole wall, taking out the existing CI frame & cover of manhole and lowering it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth of manhole to be paid separately) | 1 | each | 570 | 570.00 |

Terms and Condition :-

- 1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।
- 2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
- 3.जी.सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
- 4.कार्य स्थल पर कार्य संम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
- 5.टंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य **होगी**।
- 6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगें।
- 7. दोष निवारण अवधि नियमानुसार रहेगी ।
- 8. दरें 4 माह तक मान्य रहेगी
- 9 सशर्त निविदा स्वीकार नहीं होगी ।
- 10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

NAGAR NIGAM, JODHPUR.

| 1. 3 | Above/below the "G" Schedule. |
|--|-------------------------------|
| L/We hereby agree to do the above work @ | |

MUNICIPAL CORPORATION, JODHPUR (SOUTH)

| CC | CI | | TIT | 10 |
|----|----|------|-----|----|
| GS | | LL D | UL | æ |

| NIT No. | GSCHEDULE | |
|--------------------|-----------|--------------------|
| NIT No date | | Sr No |
| Date of Receipt :- | | Earnest Money : Rs |
| Convisend to No. | | CR No Dated |

Name of Work :- Sewer line and manhole repair work at various places in ward No 20 (ARC)

| S. No. | ITEMS | (| QTY. | RATE In Rs. | AMOU |
|--------|--|-------|-------|----------------|---------|
| 1 | Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. | | | | |
| | In all types soils such as moorum, sand, sandy silt, clay, black | | | - | |
| 1 | cotton soil, kankar, etc. | 1.00 | cum | 274.50 | 275.00 |
| - N 41 | Depth upto 1.5 m Add extra for over all depth of excavation above 1.5 m and | 1.00 | cum | 19.20 | 19.00 |
| | upto 3.0 m over item no 17.1.1.1 | | | | |
| 2 | Dismantling of flexible pavements for sewer line and manholes and disposal of dismantled materials up to a lead of 50 metres, stacking serviceable and unserviceable materials separately as directed by Engineer. | | | 403.50 | 494.00 |
| | Bituminous courses | 1.00 | cum | 493.50 | 344.00 |
| 9.1 | | 1.00 | cum | 343.50 | 344.00 |
| 3 | Providing at site, lowering & laying in trenches, aligning & jointing of RCC pipes NP4 class (with s/s ends) IS: 458 - 2003 (amended up to date) marked and pipes from 300 mm and upto 1800 mm manufactured through vertical casting process at all depths with Rubber gaskets (EPDM/SBR) for sewer lines as per IS: 5382 (including cost of Rubber gaskets, lubricants) as per drawing, sectional testing of the sewer pipe line (including cost and conveyance of water to site) etc., complete as per specification and / or as directed by Engineer. Note: E/w to be measured and paid separately | e fig | | * 4 | ** |
| | | 1.00 | metre | 618.00 | 618.00 |
| | 200 mm internal diameter | 1.00 | metre | 883.00 | 883.00 |
| | 250 mm internal diameter 300 mm internal diameter | 1.00 | metre | 1158.00 | 1158.00 |
| | Taga internal diameter | 1.00 | | 2715.00 | 2715.00 |

| _ | | | | | | |
|----|---|-----------|------|------|---------|-----------|
| 4 | (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm (whichever is higher) and haunching = 0.5Bc, with grade | m ed | | | | |
| | hard crusher broken stone of 100% passing through 20m sheive, 20 to 50 % passing through 10mm sheive and 10 retain on 6.3mm sheive, laying in layers of thickness | ım 0 % | | | 1. | |
| | 10/15cm including ramming, consolidation etc complete all type of pipes of following sizes as per drawing and or directed by Engineer. | for as | | | | |
| | | | | | 160 | 00 158.0 |
| | 200 mm internal diameter | - | 1.00 | | | |
| | 250 mm internal diameter | - | 1.00 | | 100/ | |
| | 300 mm internal diameter 450 mm internal diameter | \dashv | 1.00 | metr | 225.6 | |
| 5 | | d | 1.00 | cum | 1215 | 0 4245.00 |
| | • | _ | | | | |
| 6 | Cement plastering including T&P, scaffolding, material an complete labpour, including cost of water, curing, racking joints etc. with 15 mm cement plaster of mix:1:6 (1 cement) | of | 1.00 | Sqm. | 222.00 | 222.00 |
| 7 | 6 fine/ coarse sand) Supplying and fixing soorsagar bhura or equialent ashlar sillintel and dassa bearing bed and top surface made | lls | 1.00 | cum | 4473.0 | 4473.00 |
| | perfeenctly even jambs ,skirting steps etc. rough dressed up | 10 | | | - | |
| 8 | Supplying & fixing 560mm dia SFRC manhole frame & cover as per IS: 12592-2002 in existing manholes including grouting the frame in PCC M-15 complete in all respect as | g | 1.00 | each | 2685.00 | 2685.00 |
| 9 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All works a plinth level :1:4:8 (1 Cement : 4 fine/ coarse sand : 8 | | .00 | cum | 4340.00 | 4340.00 |
| | graded stone aggregate 40 mm nominal size). | _ | - | (9) | | |
| 10 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size). For road | 1. | 00 | cum | 5810.00 | 5810.00 |
| 1 | restoration. Carriage of Materials by mechanical transport including loading, unloading and stacking ::5km For road restoration. | | | | | |
| | Ioaumg, um | 1.0 | 00 | cum | 245.95 | 246.00 |
| | earth Sand, bazri, | 1.0 | | cum | 196.76 | 197.00 |
| 2 | ballast. kankar Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic viebro pressed machine and fully computerized automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm, thick bed of coarse paving blocks be laid on average 50mm, thick bed of coarse paving blocks be filled with fine sand. Laying sand and the joint is to be filled with fine sand. Complete job procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as the precifications. Tensile splitting strength, abrasion and braking load etc. as per BS 6717:2001, Grey cement. 80mm thick | 1.00 | | Sqm. | 855.00 | 855.00 |

| | Providing and fixing of 60mm thick precast cement concrete interlocking paver block casted with rubber moulds in | | | | | |
|---------|--|------|------------|---------|------------------|------------|
| 5 M | approved reflective colour and design having minimun compressive strength of 300 kg/ sq cm. The CC paving blocks be laid on average 50mm thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of | 1.00 | Sqm. | 737.00 | 737.00 | |
| | Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per | | | | | |
| 14 | Empting of septic tank/ soakage well etc, disposing of sludge within a lead of 5km and taking out sewage including refilling with local earth, ramming and compaction in layers, | 1.00 | Nos. | 4630.00 | 4630.00 | |
| 15 | cleaning of site. Providing at site, lowering & laying in trenches, aligning & jointing of PVC-U pipes (SN 8) as per IS 15328 (amended up to date) and as per specifications with rubber rings with socket and spigot joint, (EPDM/SBR) for all depths for pipe length as per drawing and specification including hydraulic field testing (including the cost and conveyance of water to site for testing) and commissioning etc complete as directed by Engineer. Note: E/w to be measured and paid separately. Length of pipe shall be measured in between the outer wall of two manholes / Inspection chambers. Pipe in the manhole/inspection chamber's wall shall deemed to be included in the item of manhole/inspection chamber shall not be payable. 110 mm nominal dia 160 mm nominal dia | 1 | MTR MTR | | 268.00 558.00 | |
| | dismantled material, disposal of unserviceable material dismantled material, disposal of unserviceable material with all lifts and lead of 50 stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. | | | | | |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and | 1 | cun | n 365 | 365.0 | 0 |
| | below Cement Concrete Grade M-15 and above and PCC blocks | 1 | cur | m 62 | 620.0 | 0 |
| 1 | welded in built up sections/ framed work | | | | | |
| 1 | including cutting, noisting, steel primer using structural steel | es 1 | k | g 11 | 7.5 118. | 00 |
| - | priming coat of approved etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gate and similar works. 8 Silt clearance of drains, channels and canals with lift 1.5 Mt | tr 1 | | | 8.5 349 | .00 |
| 1 | | | | | 72.5 373 | .00 |
| <u></u> | 9 Sludge clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr. | | | | | areachile. |

| 20 | | | | | |
|-----|--|----|-----------------|-------|-------------------|
| 20 | Providing and constructing of RR stone masonry circular manholes of "Type-Z" with internal dis 0.56 | | | | |
| | manholes of "Type-Z" with internal dia 0.56m and depth upto 0.90 m having 300mm thick RR stone masonry circular | | | | |
| 4 | 0.90 m basis Type-Z" with internal dia 0.56m and depth upto | | 1 1 | | |
| | 0.90 m having 300mm thick RR stone masonry wall in | | 1 1 | | |
| | cement sand mortar 1:4, including concreting PCC M-10 grade (1:3:6) for 225mm thick found to | | | | . 29 1 |
| | grade (1:3:6) for 225mm thick foundation including curing compaction and form work at | | | | |
| | compaction and form work etc complete, PCC M15 for | | | | |
| | | | | * | - |
| | Said cildille portion DCC Micc. C. | | 1 1 | | |
| | I multi dilli COVET licing stone access to 20 | | | | |
| | 1 Size, 20mm thick inside and outside plaster in C. M. | | 1 | | |
| | I plaster fillished with floating coat of next coment | | 1 1 | | 2000/2012/01/2012 |
| | vata in CM1:1 around pipe entering and leaving the manhole | 1 | each | 8150 | 8150.00 |
| | and also at the junction of masonry and roof. Supplying and | | | | |
| | fixing heavy duty SFRC manhole frame and cover as per IS | | 1 1 | | |
| | 12592 (Part Land II) having along and cover as per is | | | | |
| | 12592 (Part I and II) having clear opening of 560mm, | | | | |
| | including refilling of Jhiri, including curing, watering, | | 1 1 | | |
| | rathming, hydro testing of manhole, conveyance & cost of | | 1 1 | | 5 |
| | water, and dewatering complete as directed by the Engineer. | | 1 1 | | |
| | Note- Only Excavation work will be measured and paid | | 1 1 | | |
| | separately (ZType Manholes) | | 1 | | |
| | , and the second second | | | | |
| 21. | Providing and constructing of RR stone masonry circular | | - | | 19 |
| | manholes of "Type-A" with internal dia 0.90m and depth | | 1 1 | | |
| | unto 1.65m basing 200 and it I.B.B. | | 1 1 | | |
| | upto 1.65m having 300mm thick RR stone masonry wall in | | | | |
| | cement sand mortar 1:4, including concreting PCC M-10 | | 1 1 | | |
| | grade (1:4:8) for 225mm thick foundation including curing | | 1 1 | | 100 |
| | compaction and form work etc complete, PCC M15 for | | 1 1 | | |
| | benching and channel portion, RCC M20 for 200mm thick | | 1 1 | | |
| | cover slab including reinforcement, PCC M20 for fixing the | | 1 1 | | |
| | manhole frame and cover using stone aggregate 20mm | | 1 1 | | |
| | nominal size, 20mm thick inside and outside plaster in C. M. | | 1 3 | | |
| | 1:3, inside plaster finished with floating coat of neat cement, | | 1 1 | | |
| | | | 1 1 | | |
| | vata in CM1:1 around pipe entering and leaving the manhole | | 1 1 | | |
| | and also at the junction of masonry and concrete slab, | | 1 1 | | |
| | providing and fixing of SFRC foot steps of approved make at | | 1 1 | | |
| | every 0.30m height fixed in CM 1:3, supplying and fixing | | 1 1 | | |
| | heavy duty SFRC manhole frame and cover as per IS 12592 | | 1 1 | | |
| | (Part I and II) having clear opening of 560mm, including | | 1 | | |
| .e | refilling of Jhiri, including curing, watering, ramming, hydro | | 1 1 | | 1.0 |
| | testing of manhole, conveyance & cost of water, and | | 1 1 | | |
| * | dewatering complete as directed by the Engineer. Note:- | | 1 1 | | - |
| | Manhole "Type-A" of depth 0.90 m | | | | |
| | | 1 | each manhole | 15550 | 15550.00 |
| 22 | Providing and constructing extra depth of manhole "Type-A" | | - Huminote | | |
| | for depth beyond 0.90 m and upto 1.65 m with RR stone | | 1 1 | | |
| | masonary including 20mm plaster inside and outside as per | 1 | metre | 8380 | 9300.00 |
| | drawing and direction of Engineer. | | , | 0300 | 8380.00 |
| 23 | Supplying & fixing 560mm opening dia SFRC manhole | | | | |
| 23 | cover as per IS: 12592-2002 in existing manholes frame | 21 | | | |
| | complete in all respect as directed by the Engineer | 1 | each | 1407 | 1407.00 |
| 24 | Raising circular brick/P.P. stone | | | | 1407.00 |
| 14 | Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level | | | | |
| 24 | circular opening boumm dia and frame slab to required level | | 1 1 | | |
| - | to to define a fever | | 1 1 | | |
| | including dismantling existing slab, taking out the existing CI | | | | |
| | frame & cover of manhole and raising it unto ground/good | | | | |
| 24 | frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) generated. | 1 | | | |
| | frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the degree of | 1 | each | 570 | 570.00 |
| | frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer (Paid and Cover). | 1 | each | 570 | 570.00 |
| 24 | frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) generated. | 1 | each | 570 | 570.00 |

The state of the s

| (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth of manhole to be paid separately) | (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth of manhole to be paid separately) | | | | |
|---|--|--|--|--|--|
| Lowering of circular brick / RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab and manhole wall, taking out the existing Cl frame & cover of manhole and lowering it upto ground/ road level, refigure of 6 | | | | | |

Terms and Condition :-

- 1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।
- 2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
- 3.जी.सारणी में वर्णित कार्यों के अतिरिक्षत व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
- 4.कार्य स्थल पर कार्य सम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
- 5.टंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।
- 6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो / विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगें।
- 7. दोष निवारण अवधि नियमानुसार रहेगी ।
- 8. दरें 4 माह तक मान्य रहेगी
- 9 सशर्त निविदा स्वीकार नहीं होगी ।
- 10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

EXECUTIVE ENGINEER
NAGAR NIGAM, JODHPUR.

I/We hereby agree to do the above work @ _____ Above/below the "G" Schedule.

MUNICIPAL CORPORATION, JODHPUR (SOUTH)

| | GS | CH | ED | UL | E |
|--|----|----|----|----|---|
|--|----|----|----|----|---|

| No date | Sr No |
|-----------------|-------------------|
| | Earnest Money: Rs |
| Date of Sale :- | CR No Dated |
| of Receipt :- | CK No |
| | |

e of Work :- Sewer line and manhole repair work at various places in ward No 21 (ARC)

| 8 | e of Work :- Sewer line and mannole repair work at vario | | QTY. | | AMOUNT |
|-----|---|---------------|-------|--------------------|-------------------|
| lo. | Earth work for Sewer line and Manhole in excavation in foundation, trenches manholes, road side chambers etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. including allowances for any additional excavation beyond the drawings (measurement for payment to be as per standard drawings), re-handling of material/earth to complete the task. | 2 | | 6 | ,, |
| | In all types soils such as moorum, sand, sandy silt, clay, black | 13 | | | - A |
| | In all types soils such as moortun, sand, sand, | | | 274.50 | 275.00 |
| | cotton soil, kankar, etc. | 1.00 | cum | 274.50 | |
| | Depth upto 1.5 m Add extra for over all depth of excavation above 1.5 m and upto 3.0 m over item no 17.1.1.1 | 1.00 | cum | 19.20 | 19.00 |
| | Dismantling of flexible pavements for sewer line and manholes and disposal of dismantled materials up to a lead of 50 metres, stacking serviceable and unserviceable materials separately as directed by Engineer. | | | | |
| | materials 5-p | 1.00 | cum | 493.50 | 494.00 |
| | Bituminous courses | 1.00 | cum | 343.50 | 344.00 |
| | Granular courses Providing at site, lowering & laying in trenches, aligning & jointing of RCC pipes NP4 class (with s/s ends) IS: 458 - 2003 (amended up to date) marked and pipes from 300 mm and upto 1800 mm manufactured through vertical casting process at all depths with Rubber gaskets (EPDM/SBR) for sewer lines as per IS: 5382 (including cost of Rubber gaskets, lubricants) as per drawing, sectional testing of the sewer pipe line (including cost and conveyance of water to site) etc., complete as per specification and / or as directed by Engineer. Note: E/w to be measured and paid separately | in the second | | | 618.00 |
| | be measured and pare separately | 1.00 | metre | 618.00 | |
| | 200 mm internal diameter | 1.00 | metre | 883.00 | 883.00 1158.00 |
| | 250 mm internal diameter | 1.00 | metre | 1158.00 2715.00 | 2715.00 |
| | 300 mm internal diameter | | | | |

| Providing granular bedding having width = outer dia of pip (Bc) + 500mm, thickness below pipe = 0.25Bc or 100mm (whichever is higher) and haunching = 0.5Bc, with graded hard crusher broken stone of 100% passing through 20mm sheive, 20 to 50 % passing through 10mm sheive and 100 % retain on 6.3mm sheive, laying in layers of thickness 10/15cm including ramming, consolidation etc complete for all type of pipes of following sizes as per drawing and or as directed by Engineer. | 6 | | | |
|---|------|-------|------------------|------------------|
| 200 mm internal diameter | 1.00 | mater | 150.00 | 150.00 |
| 250 mm internal diameter | 1.00 | metre | 158.00 175.00 | 158.00 175.00 |
| 300 mm internal diameter | 1.00 | metre | 199.00 | 199.00 |
| 450 mm internal diameter | 1.00 | metre | 335.50 | 336.00 |
| Random rubble masonry with hard stone in foundation and plinth: Cement mortar 1:6 (1 cement: 6 coarse sand) | 1.00 | cum | 4245.0 | 4245.00 |
| Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water, curing, racking of joints etc. with 15 mm cement plaster of mix:1:6 (1 cement: 6 fine/ coarse sand) | | Sqm. | 222.00 | 222.00 |
| Supplying and fixing soorsagar bhura or equialent ashlar sills lintel and dassa ,bearing ,bed and top surface made perfeenctly even jambs ,skirting steps etc. rough dressed upto 15 cm thick. | 1.00 | cum | 4473.0 | 4473.00 |
| Supplying & fixing 560mm dia SFRC manhole frame & cover as per IS: 12592-2002 in existing manholes including grouting the frame in PCC M-15 complete in all respect as directed by the Engineer. HD-20 | 1.00 | each | 2685.00 | 2685.00 |
| Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level:1:4:8 (1 Cement: 4 fine/ coarse sand: 8 graded stone aggregate 40 mm nominal size). | | cum | 4340.00 | 4340.00 |
| Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size). For road restoration. | 1.00 | cum | 5810.00 | 5810.00 |
| Carriage of Materials by mechanical transport including loading, unloading and stacking ::5km For road restoration. | | | - | |
| earth | 1.00 | cum | 245.95 | 246.00 |
| Sand, bazri, ballast, kankar | 1.00 | cum | 196.76 | 197.00 |
| Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic viebro pressed machine and fully computerized automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm. thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per specifications. Tensile splitting strength, abrasion and braking load etc. as per BS 6717:2001, Grey cement. 80mm thick | 1.00 | Sqm. | 855.00 | 855.00 |

| 13 | Providing and fixing of 60mm thick precast cement concrete interlocking paver block casted with rubber moulds in approved reflective colour and design having minimun compressive strength of 300 kg/ sq cm. The CC paving blocks be laid on average 50mm thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per | 1.00 | Sqm. | 737.00 | 737.00 |
|----|--|------|------|---------|---------------|
| 4 | Empting of septic tank/ soakage well etc, disposing of sludge within a lead of 5km and taking out sewage including refilling with local earth, ramming and compaction in layers, cleaning of site. | 1.00 | Nos. | 4630.00 | 4630.00 |
| 5 | Providing at site, lowering & laying in trenches, aligning & jointing of PVC-U pipes (SN 8) as per IS 15328 (amended up to date) and as per specifications with rubber rings with socket and spigot joint, (EPDM/SBR) for all depths for pipe length as per drawing and specification including hydraulic field testing (including the cost and conveyance of water to site for testing) and commissioning etc complete as directed by Engineer. Note: E/w to be measured and paid separately. Length of pipe shall be measured in between the outer wall of two manholes / Inspection chambers. Pipe in the manhole/inspection chamber's wall shall deemed to be included in the item of manhole/inspection chamber shall not be payable. | | | | |
| | 110 mm nominal dia | | | | |
| | 160 mm nominal dia | 1 | MTR | 267.5 | 268.00 |
| 5 | Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. | 1 | MTR | 558 | 558.00 |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) and below | 1 | cum | 365 | 365.00 |
| | Cement Concrete Grade M-15 and above and PCC blocks | 1 | cum | 620 | 620.00 |
| | Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. | | | | 62 - 43 34 |
| | In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. | | kg | 117.5 | 118.00 |
| | Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr. | 1 | cum | 348.5 | 349.00 |
| | Sludge clearance of drains, channels and canals with lift 1.5 | | | | |

| | 200 | | | | |
|----|--|-----|-----------------|-------|----------|
| | Providing and constructing of RR stone masonry circular manholes of "Type-Z" with internal dia 0.56m and depth upto 0.90 m having 300mm thick RR stone masonry wall in sement sand mortar 1:4, including concreting PCC M-10 grade (1:3:6) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for penching and channel portion, PCC M15 for fixing the manhole frame and cover using stone aggregate 20mm Nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, wata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and roof. Supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note- Only Excavation work will be measured and paid separately (ZType Manholes) | 1 | each | 8150 | 8150.00 |
| | Providing and constructing of RR stone masonry circular manholes of "Type-A" with internal dia 0.90m and depth upto 1.65m having 300mm thick RR stone masonry wall in cement sand mortar 1:4, including concreting PCC M-10 grade (1:4:8) for 225mm thick foundation including curing compaction and form work etc complete, PCC M15 for benching and channel portion, RCC M20 for 200mm thick cover slab including reinforcement, PCC M20 for fixing the manhole frame and cover using stone aggregate 20mm nominal size, 20mm thick inside and outside plaster in C. M. 1:3, inside plaster finished with floating coat of neat cement, vata in CM1:1 around pipe entering and leaving the manhole and also at the junction of masonry and concrete slab, providing and fixing of SFRC foot steps of approved make at every 0.30m height fixed in CM 1:3, supplying and fixing heavy duty SFRC manhole frame and cover as per IS 12592 (Part I and II) having clear opening of 560mm, including refilling of Jhiri, including curing, watering, ramming, hydro testing of manhole, conveyance & cost of water, and dewatering complete as directed by the Engineer. Note:- | | | | |
| | Manhole "Type-A" of depth 0.90 m | 1 | each manhole | 15550 | 15550.00 |
| 22 | Providing and constructing extra depth of manhole "Type-A" for depth beyond 0.90 m and upto 1.65 m with RR stone masonary including 20mm plaster inside and outside as per drawing and direction of Engineer. | 1 | metre | 8380 | 8380.00 |
| | Supplying & fixing 560mm opening dia SFRC manhole cover as per IS: 12592-2002 in existing manholes frame complete in all respect as directed by the Engineer | 1 | each | 1407 | 1407.00 |
| 24 | Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing C frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete al around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work RR stone work of raising depth of manhole to be paid senarately) | 1 1 | each . | 570 | 570.00 |

| Total | | e. | | 73092.00 |
|---|---|------|-----|----------|
| Lowering of circular brick / RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab and manhole wall, taking out the existing CI frame & cover of manhole and lowering it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Dismantling of brick work / RR stone work depth of manhole to be paid separately) | 1 | each | 570 | 570.00 |

Terms and Condition :-

- 1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।
- 2 कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
- 3.जी.सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
- कार्य स्थल पर कार्य संम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा। इंटेंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।
- 3. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगें।
- दोष निवारण अविध नियमानुसार रहेगी ।
- 3. दरें **4 मा**ह तक मान्य रहेगी
- सशर्त निविदा स्वीकार नहीं होगी ।
- 0 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

3

EXECUTIVE ENGINEER NAGAR NIGAM, JODHPUR.

We hereby agree to do the above work @ _____ Above/below the "G" Schedule.

OFFICE OF THE NAGAR NIGAM, JODHPUR G-SCHEDULF

| NIT No date | EDULE |
|--------------------|-------------------|
| Last Date of Sale | Sr No. |
| Date of Receipt :- | Earnest Money: Rs |
| Copy issued to M/s | CR No Dated |

Name of Work - Bitumen Patch Repair work at various places in ward no. 6 to 21 (Annual Rate Contract)

| S.No. | ltem | | 124780 | Service on each | |
|-------|--|------|--------|-----------------|--------|
| 1 | Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer | N | Unit | Rate In Rs. | Amount |
| | Bituminous courses | 1.00 | Cum | 411 | 411 |
| _ | Granular courses | 1.00 | Cum | 286.5 | 286.5 |
| 2 | Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by ngineer.Cement | 1.00 | Cum | 620 | 620 |
| 3 | Earth work in excavation for roadway, including trimming bottom and side slopes in accordance with requirement of line, grades and cross sections, including disposal of surplus material with all lift and lead upto 1000 metre as per MoRT&H specification clause 301. In all type of soil. | 1.00 | Cum | 214.5 | 215 |
| 4 | Providing, laying, spreading (with paver finisher only) and compacting wet mix macadam (WMM) base course comprising of graded stone aggregate and granular material conforming to MORT&H specifications (Table 400-II) in layers of equal compacted thickness each consolidated, including pre-mixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tippers to site, laying in uniform layers in base course on a well prepared sub-base/ base course and compacting with power vibratory-roller to achieve the desired density complete as per MoRT&H specification clause - 406 including all material labour machinery lighting quarding | 1.00 | Cum | 1704 | 1704 |
| | Providing, laying, spreading and compacting of granular subbase by providing close graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per MoRT&H specification clause - 401 including all material, labour, machinery, lighting, guarding and maintenance of diversion Grading - II Material | 1.00 | Cum | 1324 | 1324 |
| 6 | Providing and applying primer coat over prepared surface ofgranular base with bitumen emulsion as per IS: 8887 and approved quality @ 0.6 kg/sqm with the help of spray set fitted on bitumen Container (boiler) after cleaning the surface including removing of binding material and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous treatment complete as per clause 502 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. | 1.00 | Sqm | 27.7 | 27.7 |

| 7 | Providing and applying tack coat on the prepared surface with bitumen emulsion as per IS: 8887 and approved quality @ 0.2 kg/sqm with the help of spray set fitted on bitumen Container (boiler) after cleaning the surface with brooms or soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous treatment complete as per clause 502 of MoRT&H specification including all material, labour, machinery, lighting, guarding and | 1 | Sqm | 9.9 | 9.9 |
|------|---|------|------|--------|--------|
| 8 | Providing and laying bituminous macadam in 50/75 mm compacted thickness on prepared surface with specified graded crushed stone aggregates as per Table 500-4, Grading-II for base/ binding course, loading of aggregate with F.E. loader, heating and mixing of stone aggregate and bitumen in computerised hot mix plant, transported to site by tippers to paver, laid over a previously prepared surface with paver finisher fitted with electronic sensing device to the required grade, level and alignment and rolling with power roller and vibratory compactor as per clauses 501.6 and 501.7 to achieve the desired compaction complete as per clause 504 of MoRT&H specification and including all material, labour, machinery, lighting, guarding and maintenance of diversion but excluding cost of primer/ tack | 1.00 | Cum | 5380 | 5380 |
| 9 | Providing and laying open graded premix carpet 20mm thick (compacted), on prepared surface in a single course as wearing course, composed of specified graded crushed stone aggregate as per Table 500-23, premixed with bituminous binder @ 14.60 kg/ 10sqm (including cost of antistripping compound wherever required), including loading of material with F.E. loader, hot mixing of stone aggregate and bitumen in computerised hot mix plant, transporting the mixed material by tippers to paver and laying with paver finisher fitted with electronic sensor control to the required level and grade, compacting smooth wheeled roller 8-10 tonne capacity and finishing to required level to achieve the desired density as per clause 511 of MoRT&H specification including all material, labour, machinery, lighting, guarding | 1.00 | Sqm | 106.5 | 106.5 |
| 10 | Providing and applying premixed seal coat Type "B" comprising of thin application of fine aggregate 0.06 cum/ 10 sqm premix with bitumen binder @ 6.8 Kg/ 10 Sqm (including cost of anti-stripping compound wherever required) laying with paver finisher with electronic sensor control and rolling with power roller 8-10 tonne complete as per clause 513 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. With Bitumen VG-grade 30 | 1.00 | Sqm | 42.5 | 42.5 |
| - 11 | Supplying & fixing 560mm dia SFRC manhole frame & cover as per IS: 12592-2002 in existing manholes including grouting the frame in PCC M-15 complete in all respect as directed by the Engineer.HD-20 | 1.00 | each | 2685 | 2685 |
| 12 | Carriage of Materials by mechanical,transport, including loading, unloading and stacking Sand, bazri, ballast, kankar for lead 5 Km | 1.00 | Cum | 196.76 | 196.76 |
| 13 | Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing CI frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work / RR stone work of raising depth of manhole to be paid separately) | 1.00 | each | 570 | 570 |

| | Total | | - | | 13847.36 |
|--|--|------|-----|-------|----------|
| 75m com of si exca 14 hot i 8-10 form VG- spec | and of Pot- holes and patch repairs with Built up Spray but in two layers with 53-22.4mm size of aggregate upto a depth and removal of all failed material, trimming of pleted excavation to provide firm vertical faces, cleaning urface, painting of tack coat on the sides and base of avation as per clause 503, back filling the pot holes with bituminous material as per clause 506, compacting with 0 tonne power roller, trimming and finishing the surface to a a smooth continuous surface complete using Bitumen grade 30 as per clause 503, 506 & 3004.2 of MoRT&H cification including all material, labour, machinery, ting, guarding and maintenance of diversion. | 1.00 | SQM | 268.5 | 268.5 |

SAY RS 30 LAC

Terms and Condition :-

- 1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।
- 2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
- 3. जी.सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर
- 4.कार्य स्थल पर कार्य संम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
- 5.टंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।
- 6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक
- 7. दोष निवारण अवधि नियमानुसार रहेंगी ।
- 8. दरें 4 माह तक मान्य रहेगी
- 9 सशर्त निविदा स्वीकार नहीं होगी ।
- 10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

EXECUTIVE ENGINEER NAGAR NIGAM, JODHPUR.

I/We hereby agree to do the above work @ _____ Above/below the "G" Schedule

(Signature of Contractor)

Assistant Engineer Jodhpur Nagar Nigam South

Executive Engineer

Jodhpur Nagar Nigam South

JODHPUR NAGAR NIGAM JODHPUR

| NIT No date | G-SCHEDULE |
|--------------------|-------------------|
| Jaie :- | - VAL |
| Date of Receipt :- | Sr No |
| Copy issued to M/s | Earnest Money: Rs |
| | CP No |

कार्य का नाम :- नहर चौराहे के पास चौपासनी थाना के सामने क्षतिग्रस्त सडक मरम्मत कार्य

| S.No | ारा पापासना थाना क सामने क्षति BSF | R:RATE | BASED | ON RUIDI | BSR 2022 |
|------|--|--------|-------|----------|----------|
| 1 | Earth work in excavation in acil | Qty. | Unit | Rate | Amount |
| | marshy soil including pumping out water, removal of the same and disposal with all lift and lead upto 1 km as per MoRT&H specification clause 301. | | | | - Ja |
| 2 | Carriage of Materials by | 168.3 | Cum | 201 | 33828.3 |
| 475 | Carriage of Materials by mechanical transport including loading, unloading and stacking :: Earth 1 Km | | | 201 | 00020. |
| 3 | Providing laying and enceding of | 168.3 | Cum | 245.95 | 41393.3 |
| | Providing, laying and spreading of granular sub-base by providing coarse graded Material (Table 400-2), spreading in uniform layers with motor grader on prepared surface, mixing BY MIX IN PLACE METHOD with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per MoRT&H specification clause - 401 including all material, labour, machinery, lighting, guarding and maintenance of diversion. Grading - II Material | | | _ | ¥) |
| | | 56.1 | Cum | 1324 | 74276. |
| 4 | Providing, laying, spreading (with paver finisher only) and compacting wet mix macadam (WMM) base course comprising of graded stone aggregate and granular material conforming to MORT&H specifications (Table 400-II) in layers of equal compacted thickness each consolidated, including pre-mixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tippers to site, laying in uniform layers in base course on a well prepared sub-base/ base course and compacting with power vibratory-roller to achieve the desired density complete as per MoRT&H specification clause - 406 including all material, labour, machinery, lighting, guarding and maintenance of diversion. | | | | * ** * |
| | | 153 | Cum | 1704 | 26071 |
| 5 | with bitumen emulsion as per 15 : 6667 and approved after cleaning the | | | | 31 |
| | with the help of spray set fitted on bitumen container (container) after with surface including removing of binding material and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally wire brushes and small picks, sweeping with brooms or soft brushes and finally wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and compressed air to receive bituminous dusting with old gunny bags and | | | | |
| - 1 | | 510.00 | Sqm | 27.70 | 1412 |
| | 6 Providing and applying tack coat on the prepared surface with bitumen | 1 | | | |
| | Providing and applying tack coat on the prepared surface with bitalient emulsion as per IS: 8887 and approved quality @ 0.2 kg/sqm with the help of spray set fitted on bitumen Container (boiler) after cleaning the surface with brooms or soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous treatment complete as per clause 502 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. | | | 9.90 | 79 |

| No | Particulars | Qty. | Jnit | Rate | Amount |
|----------|--|-------|------|---------|---------|
| | Providing and laying 50-75 mm compacted thick design mix (approved by Engineer) Dense Bituminous Macadam on prepared surface with specified graded crushed aggregates as per Table 500- 9, 500-10 with bitumen binder set (including Cost of anti stripping compound Minimum 1% in Lime/Cement as per design wherever required) for base/ binder course including loading of material with F.E. loader, heating and mixing of stone aggregate, filler and bitumen in computerised hot mix plant, transporting the mixed material by tippers to paver and laying with paver finisher fitted with electronic sensor control as per clause 504.3.5 to the required level and grade, compacting by power rollers and vibratory rollers or 150 to 250 KN pneumatic tyred roller with TP = 0.7 Mpa to achieve the desired density (approximately 2.3 tonne/cum) complete as per clause 507 of MoRT&H specification but excluding primer/tack coat, including all material, labour, machinery, lighting, guarding and maintenance of diversion. Grade-II with Bitumen VG-grade 30 @ 4.50 %, lime filler @ 2% (percent by weight of total mix) | | | 3 - CO | |
| | | 50.00 | Cum | 7000 | 350000 |
| | Providing laying and consolidation Semi Dense Bituminous Concrete, as per Design Mix (approved by Engineer), on prepared surface with specified graded crushed aggregates as per table 500- 15 for wearing coarse including loading of material with F.E. loader, hot mixing of stone aggregate, filler and bitumen (including Cost of anti stripping compound Minimum 1% in Lime/Cement as per design wherever required) heating and mixing in in computerised hot mix plant, transporting the mixed material by tippers to paver and laying with paver finisher fitted with electronic sensor control to the required level and grade compacting by power rollers and vibratory rollers or 150 to 250 KN pneumatic tyred roller with TP = 0.7 Mpa, to achieve the desired density (approximately 2.3 tonne/cum) complete as per clause 508 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion but excluding primer/tack coat. 35-40 mm compacted thickness (Grade-1 using Bitumen VG-grade 30 @ 4.5% (percent by weight of total mix) | | | | |
| _ | | 30.00 | Cum | 7190 | 21570 |
| - | Total | | | 1000 | 99795 |
| \vdash | | | | Say Rs. | 10 LACS |

Terms and Condition :-

1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।

2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।

3.जी.सारणी में वर्णित कार्यो के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।

4.कार्य स्थल पर कार्य संम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।

टंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।

6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय

में जमा कराने होंगें।

7. दोष निवारण अवधि नियमानुसार रहेगी ।

8. दरें 4 माह तक मान्य रहेगी

9 सशर्त निविदा स्वीकार नहीं होगी ।

10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

NAGAR NIGAM, JODHPUR.

| do the above work @ | Above/below the "G" Schedule. |
|--|-------------------------------|
| I/We hereby agree to do the above work @ | (Signature of Contractor |

OFFICE OF THE NAGAR NIGAM, JODHPUR **G-SCHEDULE**

| • | |
|---|---------------------------------------|
| NIT No date | Sr No. Earnest Money: Rs |
| Last Date of Sale :- | CR No Dated |
| Date of Receipt :- | 7.0 |
| Copy issued to M/s | work various placeand interlocking wo |

Name of work:- construction of C C Road work various placeand interlocking work at madev mandir in ward no 9 BASED ON RUIDP BSR 2022 and PWD BSR

| 100 | 8 | Qty | Unit | Rate In Rs. | Amount |
|-----|---|----------------------|--------|-------------|--------|
| | Dismantling of existing structures like culverts, bridges, retaining walls, CC road and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer. | uty | O.I.I. | | |
| | Lime Concrete, cement concrete grade M-10 (1:5:10) | 165.6 | cum | 365.00 | 60444 |
| 14 | and below Cement Concrete Grade M-15 and above and PCC | 165.6 | cum | 620.00 | 102672 |
| 2 | blocks Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level. In all types soils/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc.Depth | 27 | Cum | 210.50 | 5683.5 |
| 3 | Providing and laying lean cement concrete 1:4:8 in Subbase over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in concrete mixer, laid less than 10 Mpa at 7 days, mixed in concrete mixer, laid manualy, compacted with surface vibrator, finishing and curing complete as per clause 601, 112 of MoRT&H curing complete as per clause 601, labour, machinery lighting, guarding and maintenance of diversion. | 156.6 | | n 2775.00 | 434 |
| 4 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering and work upto plinth level: 1:1½:3 (1 Cement: 1½ coarses and: 3 graded stone aggregate 20 mm nominal size). | f 3 6 126.9 | sqr | n 5810.00 | 0 73 |

| Total | | | SAY | 20.00 LAC |
|---|--------|------|--------|------------|
| 5 leading unloading and stacking :: 10km | | | | 1970192.79 |
| Carriage of Materials by mechanical transport including | 358.20 | Cum. | 245.95 | 88099.29 |
| Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic viebro pressed machine and fully computerized automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm. thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead & Lifts etc. complete as per specifications. Tensile splitting strength, abrasion and braking load etc. as per BS 6717:2001, Grey cement.100mm thick | 720 | sqm | 752.00 | 541440 |

Terms and Condition :-

1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।

2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।

3. जी.सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।

4.कार्य स्थल पर कार्य सम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।

5.टंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।

- 6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो / विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगें।
- 7. दोष निवारण अवधि नियमानुसार रहेगी ।
- 8. दरें 4 माह तक मान्य रहेगी
- 9 सशर्त निविदा स्वीकार नहीं होगी ।
- 10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

EXECUTIVE ENGINEER NAGAR NIGAM, JODHPUR.

I/We hereby agree to do the above work @_ Above/below the "G" Schedule

JODHPUR NAGAR NIGAM SOUTH G-SCHEDULE

| NIT No | _ | | | |
|--------------------|------|---------------|------|-------------------|
| NIT No | date | | | Sr No. |
| Last Date of Sale | | | | |
| Last Date of Sale | :- | | | Earnest Money: Rs |
| Date of Receipt :- | | | | |
| Date of Receipt :- | | | | CR No Dated |
| - 9 - | | | | |
| Copy issued to M. | /4 | | | |
| | | ************* | | 122 CO CO CO |

Name of Work :-- Const. of BT road work at tractor association in ward no 20

based on Ruidp 2017 & PWD 2013

| Sno | Particulars | Quantit | Unit | Rate | Amount |
|-----|--|---------|------|------|---------|
| 1 | Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer Bituminous courses | 16 | Cum | 411 | 6576 |
| 2 | Scarifying existing granular road surface, including picking up scarified material and stacking of old serviceable material within a lead of 1000 meters complete as per clause 305.4.3 of MoRT&H specification including all labour, machinery, lighting, guarding and | 1750 | Sqm | 37.9 | 66325 |
| 3 | Providing, laying, spreading (with paver finisher only) and compacting wet mix macadam (WMM) base course comprising of graded stone aggregate and granular material conforming to MORT&H specifications (Table 400-II) in layers of equal compacted thickness each consolidated, including pre-mixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tippers to site, laying in uniform layers in base course on a well prepared sub-base/ base course and compacting with power vibratory-roller to achieve the desired density complete as per MoRT&H specification clause - 406 including all material, labour, machinery, lighting, guarding and maintenance of diversion. | 175 | CUM. | 1704 | 298200 |
| 4 | Providing and applying primer coat over prepared surface of granular base with bitumen emulsion as per IS: 8887 and approved quality @ 0.6 kg/sqm with the help of spray set fitted on bitumen Container (boiler) after cleaning the surface including removing of binding material and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous treatment complete as per clause 502 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion | 1750 | Cum | 27.7 | 48475 |
| 5 | Carriage of earth / rubbish material including all lead & Lift | 70 | Cum | 246 | 17216.5 |
| 6 | Providing and applying tack coat on the prepared surface with bitumen emulsion as per IS: 8887 and approved quality @ 0.2 kg/sqm with the help of spray set fitted on bitumen Container (boiler) after cleaning the surface with brooms or soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous treatment complete as per clause 502 of MoRT&H cification including all material, labour, machinery, lighting, uarding and maintenance of diversion. | 3500 | Cum | 9.9 | 34650 |

| | | | | | 7 |
|----|---|------|-----|------|--------|
| 7 | Providing and laying bituminous macadam in 50/75 mm compacted thickness on prepared surface with specified graded crushed stone aggregates as per Table 500-4, Grading-II for base/ binding course, loading of aggregate with F.E. loader, heating and mixing of stone aggregate and bitumen in computerised hot mix plant, transported to site by tippers to paver, laid over a previously prepared surface with paver finisher fitted with electronic sensing device to the required grade, level and alignment and rolling with power roller and vibratory compactor as per clauses 501.6 and 501.7 to achieve the desired compaction complete as per clause 504 of MoRT&H specification and including all material, labour, machinery, lighting, guarding and maintenance of diversion but excluding cost of primer/ tack coat. With Bitumen VG-grade 30 @ 3.3% (percentage by weight of total mix) | 52.5 | Cum | 5380 | 282450 |
| 8 | Providing and laying open graded premix carpet 20mm thick (compacted), on prepared surface in a single course as wearing course, composed of specified graded crushed stone aggregate as per Table 500-23, premixed with bituminous binder @ 14.60 kg/10sqm (including cost of anti-stripping compound wherever required), including loading of material with F.E. loader, hot mixing of stone aggregate and bitumen in computerised hot mix plant, transporting the mixed material by tippers to paver and laying with paver finisher fitted with electronic sensor control to the required level and grade, compacting smooth wheeled roller 8-10 tonne capacity and finishing to required level to achieve the desired density as per clause 511 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion-but excluding cost of tack coat/ seal coatWith Bitumen VG-grade 30 | 1750 | Sqm | 94 | 164500 |
| 9 | Providing and applying premixed seal coat Type "B" comprising of thin application of fine aggregate 0.06 cum/ 10 sqm premix with bitumen binder @ 6.8 Kg/ 10 Sqm (including cost of anti-stripping compound wherever required) laying with paver finisher with electronic sensor control and rolling with power roller 8-10 tonne complete as per clause 513 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. With Bitumen VG-grade 30 | 1750 | Sqm | 42.5 | 74375 |
| 10 | Providing and laying marking of center line and stop line etc with hot thermoplastic compound 2.5 mm thick on road/ plain surface, including reflectorising glass beads @ 250 gms per sqm area with special applicator machine, as per IRC:35 including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control involved. The finished surface to be level, uniform and free from streaks and holes as per clause 803 of MoRT&H Specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. | 67.5 | Sqm | 428 | 28890 |
| 11 | Raising precast circular manhole cover and frame by taking out existing precast frame and cover, providing and fixing precast SFRC circular spacer of height 100/125/150mm, re-fixing existing manhole cover frame and cover with cement sand mortar (1:3), including making good the damage, complete as directed by Engineer. | 20 | no. | 1510 | 30200 |

| 12 | Earth work in excavation for roadway, including trimming bottom and side slopes in accordance with requirement of line, grades and cross sections, including disposal of surplus material with all lift and lead upto 1000 metre as per MoRT&H specification clause 301. In all type | 54 | cum | 214.5 | 11583 |
|----|--|----|-----|-------|---------|
| | of soil TOTAL | | | | 1063441 |

Terms and Condition :-

- 1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेगें।
- 2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
- 3. जी.सारणी में वर्णित कार्यों के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
- 4.कार्य स्थल पर कार्य संम्बंधित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
- इंकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।
- 6. कार्य करने से पुर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप
- से कार्यालय में जमा कराने होंगें।
- 7. दोष निवारण अवधि नियमानुसार रहेगी । .
- 8. दरें 4 माह तक मान्य रहेगी
- 9 सशर्त निविदा स्वीकार नहीं होगी ।
- 10 निष्पादन सुरक्षा राशि 10 प्रतिशत मय अनुबन्ध के जमा कराना होगा ।

NAGAR NIGAM, JODHPUR.

| I/We hereby agree to do the above work @ | Above/below the "G" Schee | dule |
|--|---------------------------|------|
| TAVe herent agree to do the above | | |