

कार्यालय जोधपुर नगर निगम – दक्षिण

कमांक:-/विकास/तृतीय/ दक्षिण/2022-23/ 1385

दिनांक:- 7/2/2023

:: ई-निविदा सूचना ::

DLB2223WSOB27778

(यू.बी. संख्या.....)

नगर निगम दक्षिण जोधपुर की और से निम्नलिखित कार्यो हेतु भारत सरकार एवं राज्य सरकार के विभिन्न विभागों/स्वायत्तशासी/निगमों/बोर्डों/राजकीय उपक्रमों में पंजीकृत ए.0ए 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	15-02-2023 / 12:30 PM
ऑन लाईन निविदा फार्म जमा कराने की अन्तिम दिनांक व समय	24-02-2023 / 12:30 PM
ऑन लाईन निविदा खोलने की तारीख	— " — / 8:00 PM
निविदा शुल्क/धरोहर राशि की मूल प्रति अधीक्षण अभियन्ता कार्यालय में जमा कराने की दिनांक व समयावधि	— " — / 2:00 PM

क्र. सं.	कार्य का नाम	अनुमानित लागत (राशि लाखों में)	धरोहर राशि	निविदा शुल्क	कार्य पूर्ण करने की अवधि
1	Construction of BT road work at various place in ward 48	10.00	20,000/-	500/-	6 माह
2	Sewer line, CC and interlocking tiles work at Various places in Ward 48 to 57 and 71,72	50.00	1,00,000/-	1000/-	12 माह
3	Construction of BT road Work at Various places in ward 48 to 57 and 71,72	25.00	50,000/-	500/-	12 माह
4	Nala Repairing work at various places in ward 48 to 57 and 71,72	25.00	50,000/-	500/-	12 माह
5	Sewer line, CC and interlocking tiles work at Various places in Ward 73 to 80	50.00	1,00,000/-	1000/-	12 माह
6	Construction of BT road Work at Various places in ward 73 to 80	25.00	50,000/-	500/-	12 माह
7	Nala Repairing work at various places in ward 73 to 80	25.00	50,000/-	500/-	12 माह

निविदा की महत्वपूर्ण शर्तें निम्नानुसार है :-

1. निविदा प्रपत्रों को वेबसाईट <http://eproc.rajasthan.gov.in> से डाउनलोड किया जा सकता है। इन निविदाओं में भाग लेने वाले संवेदको को निविदा को इलेक्ट्रॉनिक फॉरमेट में वेबसाईट <http://eproc.rajasthan.gov.in> पर जमा करानी होगी।
2. निविदा की प्रकिया ऑन लाईन होगी।
3. निविदा हेतु पात्र संवेदको की श्रेणी –

किसी भी सीमा तक
रूपये 300.00 लाख तक

– एए श्रेणी, संवेदक
– ए, श्रेणी संवेदक

किस्ती भी सीमा तक
रुपये 300.00 लाख तक
रुपये 150.00 लाख तक
रुपये 50.00 लाख तक
रुपये 15.00 लाख तक

- एए श्रेणी संवेदक
- ए, श्रेणी संवेदक
- बी, श्रेणी संवेदक
- सी, श्रेणी संवेदक
- डी, श्रेणी संवेदक

4. निविदा खोलने की तिथि को किसी कारणवश यदि सम्पूर्ण निविदायें नहीं खोली जा सकती है, तो उसके अगले कार्य दिवस को शेष निविदायें खोलने का कार्य जारी रखा जावेगा।
निविदा प्रक्रिया -

कार्य	पोटेशियल अरोसमेंट	पोस्ट क्वालीफिकेशन
सड़क	150 लाख से 500 लाख तक	500 लाख से अधिक तक
अन्य निर्माण कार्य	100 लाख से 200 लाख तक	200 लाख से अधिक तक

क्र.सं.	शुल्क वितरण	शुल्क	भुगतान का प्रकार	देय
1	निविदा शुल्क	उपरोक्तानुसार	डिमाण्ड ड्रॉफ्ट / बैंकर चैक	आयुक्त जोधपुर नगर निगम दक्षिण
2	धरोहर राशि	उपरोक्तानुसार	डिमाण्ड ड्रॉफ्ट / बैंकर चैक	आयुक्त जोधपुर नगर निगम दक्षिण
3	ई-टेंडरिंग प्रक्रिया शुल्क	50 लाख एव उपर 1000/- 50 लाख से नीचे 500/-	डिमाण्ड ड्रॉफ्ट/ बैंकर चैक	MD RISL, JAIPUR

5. निविदादाता द्वारा निविदा शुल्क, धरोहर राशि एवं प्रक्रिया शुल्क हेतु निम्नलिखित राशि कि मूल प्रति जोधपुर नगर निगम कार्यालय में नियमानुसार निविदा खोले जाने के समय से पूर्व जमा करवाना आवश्यक है। निम्नलिखित डिमांड/बैंकर चैक शुल्क ऑनलाईन निविदा फार्म जमाने की अन्तिम तिथि से पूर्व का होना आवश्यक है।
6. प्रदत्त दरें निविदा खोलने की दिनांक से 90 दिवसों तक निविदा स्वीकृति हेतु मान्य (Vaild) रहेंगी। यदि निविदाकर्ता उस अवधि में अपनी निविदा अथवा शर्तों में किसी प्रकार का संशोधन करता है अथवा अपनी निविदा वापस ले लेता है, तो उसकी धरोहर राशि जब्त कर ली जावेगी।
7. यदि संवेदक के नजदीकी रिश्तेदार (प्रथम रक्त सम्बन्धी व उनके पति/पत्नी) कार्य से संबंधित अर्थात् कार्यालय में खण्डीय लेखाकार अथवा सहायक अभियन्ता से लेकर अवीक्षण अभियन्ता स्तर का किसी भी स्तर पर पदस्थापित हो, तो उसके कार्य पर नियुक्त करने पर प्रतिबन्ध रहेगा।
8. राज्य सरकार में किसी भी अभियांत्रिकी विभाग में किसी भी इंजीनियर अथवा इंजीनियर या प्रशासनिक कार्य पर नियुक्त राजपत्रित अधिकारी राज्य की अनुमति के बिना सेवा निवृत्ति 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 अनुमति निविदा जमा कराने से पहले अथवा संवेदक के यहां से सेवार्थ लेने से पहले अनुमति नहीं ली है, तो अनुबन्ध रद्द किया जा सकेगा।
9. उक्त आईटम की दोष निवारण अवधि 3 वर्ष होगी।
10. निविदा में निविदादाताओं से अंतर राशि परफोरमेंस सिक्यूरिटी के रूप में प्राप्त करने के पश्चात ही स्वीकृति निविदा का कार्यादेश दिया जायेगा।
11. किसी भी निविदा को स्वीकार करने एवं बिना कारण बताये निरस्त करने के समस्त अधिकार निम्नहस्ताक्षर कर्ता को रहेगा। RPWA 100 की समस्त शर्तें 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. 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 रुपये तक की राशि के कार्यों के लिए 500/- व 50.00 लाख रुपये से अधिक राशि के कार्यों के लिए 1000/- रुपये की राशि निविदा शुल्क के अतिरिक्त देनी होगी जो डिमाण्ड ड्रॉफ्ट या बैंकर चैक के रूप में देय होगी। यह डिमाण्ड ड्रॉफ्ट या बैंकर चैक मैनजिंग डायरेक्ट, आरआई.एस. एल. के पक्ष में व जयपुर में भुगतान योग्य होना चाहिए।

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

14. ई-टेण्डरिंग के लिए निविदादाता हेतु निर्देश :-

- इन निविदाओं में दिलचस्पी लेने वाले निविदा दाता निविदा प्रपत्रों का इन्टरनेट साईट <http://www.eproc.rajasthan.gov.in> से देख/डाउनलोड कर सकते हैं।
 - निविदाओं में भाग लेने वाले निविदादाताओं को इन्टरनेट साईट <http://www.eproc.rajasthan.gov.in> पर रजिस्टर करवाना होगा। ऑन लाईन निविदा में भाग लेने के लिए डिजिटल सर्टिफिकेट है इनफोरमेशन टेक्नोलॉजी एक्ट 2000 के तहत प्राप्त करना होगा जो इलेक्ट्रॉनिक निविदा में साईन करने हेतु काम आयेगा। निविदादाता उपरोक्त डिजिटल सर्टिफिकेट सी.सी.ए. द्वारा स्वीकृत एजेन्सी से प्राप्त कर सकते हैं। जिन निविदादाताओं के पास पूर्व में वैध डिजिटल सर्टिफिकेट है, नया डिजिटल लेने की आवश्यकता नहीं है।
 - निविदादाताओं को निविदा प्रपत्र इलेक्ट्रॉनिक फॉर्म में उपरोक्त वेबसाइट पर डिजिटल साईन के साथ प्रस्तुत करना होगा। जिसके प्रस्ताव अकेले भौतिक फॉर्म में स्वीकार्य नहीं होगा।
 - इलेक्ट्रॉनिक निविदा प्रपत्रों को जमा कराने से पूर्व निविदादाता यह सुनिश्चित कर लेवे की निविदा प्रपत्रों से संबंधित सभी आवश्यक दस्तावेजों की स्कैन कॉपी निविदा प्रपत्रों के साथ अटैच कर दी गयी है।
 - कोई भी टेण्डर इलेक्ट्रॉनिकली 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।
15. निविदायें राजस्थान लोक उपापन पारदर्शिता अधिनियम 2012 एवं नियम 2013 के अन्तर्गत आमंत्रित की जाती हैं। उपर अंकित समस्त प्रावधान/बंधन उस सीमा तक ही लागू होंगे जिस सीमा तक वे उस बिन्दु में उल्लेखित अधिनियम एवं नियमों के विरुद्ध नहीं हों।
16. आयुक्त नगर निगम जोधपुर के आदेश क्रमांक 9836 दिनांक 07.02.2020 एवं 9975 दिनांक 14.07.2020 के अनुसार पंजीयन रिव्यू आदेश के तहत निविदा स्वीकार/अस्वीकार की जायेगी।
17. राजकीय अवकाश की स्थिति में अगले कार्य दिवस की तिथि मानी जायेगी।
18. श्रीमान् निदेशक, स्वायत्त शासन विभाग राजस्थान जयपुर के आदेश क्रमांक 144612-825 दिनांक 22.11.2021 की पालना में वित्त विभाग की अधिसूचना दिनांक 22.10.2021 अनुसार आर.टी.पी.पी. नियम 2013 में Additional Performance Security के लिए नियम 75 -ए के अनुसार Additional Performance Security जमा करवानी होगी


(अरुण कुमार पुरोहित)
I.A.S.

आयुक्त
जोधपुर नगर निगम दक्षिण

जोधपुर नगर निगम, जोधपुर-दक्षिण

क्रमांक-/विकास/तृतीय/ दक्षिण/2022-23/1385


दिनांक- 7/2/2023

= ई-निविदा सूचना =

(यू.बी संख्या _____)

नगर निगम दक्षिण जोधपुर की ओर से विकास कार्यों हेतु ऑनलाईन निविदा आमंत्रित की जाती है, कार्यों की विस्तृत जानकारी एवं शर्तों इत्यादि वेबसाइट <http://eproc.rajasthan.gov.in>, sppp.rajasthan.gov.in पर व जोधपुर नगर निगम दक्षिण की वेबसाइट urban.rajasthan.gov.in/mcjs देखी जा सकती है।

(सुश्री वनिता सेठ)
नहापौर
जोधपुर नगर निगम-दक्षिण


(अरुण कुमार पुरोहित)
L.A.S.
आयुक्त
जोधपुर नगर निगम-दक्षिण

क्रमांक- 1386 to 1393

दिनांक- 7/2/2023

प्रतिलिपि :- सूचनार्थ एवं आवश्यक कार्यवाही हेतु।

1. श्रीमन जिला कलेक्टर नहादय, जोधपुर।
2. निदेशक/अधीक्षक अभियन्ता, स्थानीय निकाय विभाग, जयपुर।
3. अधीक्षक अभियन्ता/अधीक्षाधी अभियन्ता, सानि.वि./जोधपुर विकास प्राधिकरण जोधपुर।
4. वरिष्ठ लेख/धिकारी, जोधपुर नगर निगम दक्षिण।
5. राजस्थान संवाद, जयपुर को भेजकर लेख है कि निविदा सूचना एक राज्य स्तरीय एवं एक क्षेत्रीय स्तरीय सप्ताह पत्र में प्रकाशन हेतु निजवाये एवं सप्ताह पत्र के नाम बाबत ईन्टीनेशन मेल नगर निगम जोधपुर दक्षिण को निजवाये।
6. श्री रामेश्वर गहलोत, प्रोग्रामर नगर निगम जोधपुर दक्षिण को भेजकर लेख है कि ई-निविदा सूचना urban.rajasthan.gov.in/mcjs व sppp.rajasthan.gov.in पर अपलोड करें एवं निविदा सूचना प्रकाशन हेतु राजस्थान संवाद जयपुर को मेल के माध्यम से निजवाये।
7. सहायक अभियन्ता को भेजकर लेख है कि कार्यों की जी-सारणी एवं ई-निविदा सूचना <http://eproc.rajasthan.gov.in> पर अपलोड करें।
8. सूचना पट्ट जोधपुर नगर निगम दक्षिण।


आयुक्त
जोधपुर नगर निगम -दक्षिण

NAGAR NIGAM JODHPUR SOUTH

G-SCHEDULE

NIT No.

Date

Sr No.

Last Date of Sale :-

Earnest Money ; Rs.

Date of Receipt :-

CR No. Dated.

Name of Work- Construction of BT road work at various Places in Ward No. 48 of nnjs

RUIDP BSR 2022


S.No.	Item	Qty.	Unit	Unit	Unit
1	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer.Bituminous courses	14.00	Cum	411.00	5754.00
1.1	Granular courses	30.00	cum	288.50	8595.00
2	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	37.50	cum	214.50	8043.75
3	Carriage of Materials by mechanical transport including loading,unloading and stacking : 5 km	81.50	cum	245.95	20044.93
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	45.00	sqm	1704.00	76620.00
5	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.	600.00	sqm	27.70	16620.00
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 specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	2580.00	cum	9.90	25542.00

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)	77.40	sqm	5380.00	415412.00
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 coat. With Bitumen VG-grade 30	2580.00	sqm	106.50	274770.00
9	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	12	each	2685	32220
10	Providing, lowering, laying in trenches, aligning, fixing in position and jointing socketed rubber gasket type ISI marked uPVC pipes of Class III (6 Kg/sqcm) suitable for potable water with rubber ringjoints (as per IS 4985-2000) of following outer dia with all accessories (excluding specials) complete including all material, labour, hydraulic testing and commissioning as per Technical Specifications and as per direction of Engineer. 110 mm dia	20	MTR	300	6000

11	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	2580.00	42.50	109650.00
Total :				1000331.68
				Say 10.00 lakh

Terms and Condition :-

1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेंगे।
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 सम्बंधित रेट मान्य होगी।
6. कार्य करने से पूर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगे।
7. दोष निवारण अवधि नियमानुसार रहेगी।
8. दरें 4 माह तक मान्य रहेगी
9. सशर्त निविदा स्वीकार नहीं होगी।


 EXECUTIVE ENGINEER
 NAGAR NIGAM SOUTH JODHPUR.

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

(Signature of Contractor)

MUNICIPAL CORPORATION, JODHPUR (SOUTH)
G-SCHEDULE

NIT No. Date

Last Date of Sale :-

Date of Receipt :-

Copy Issued to M/s

Sr No.

Earnest Money : Rs.

CR No. Dated,

Name of Work :- Sewer lino, cc and Interlocking tiles work at various places in city zone(ward no. 48 to 57, 71, 72) Annual Rate Contract

S.No.	ITEMS	QTY.		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. 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
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		618.00	618.00
	250 mm internal diameter	1.00		883.00	883.00
	300 mm internal diameter	1.00	metre	1158.00	1158.00
	450 mm internal diameter	1.00		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		158.00	158.00
	250 mm internal diameter	1.00		175.00	175.00
	300 mm internal diameter	1.00	metre	199.00	199.00
	450 mm internal diameter	1.00		335.50	336.00
5	Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water, curing, racking of joints etc. with 20 mm cement plaster of mix :1:6 (1 cement : 6 fine/ coarse sand)	1.00	Sqm.	264.00	264.00
6	Supplying and fixing soorsagar bhura or equivalent ashlar sills lintel and dassa ,bearing ,bed and top surface made perfeently even jambs ,skirting steps etc. rough dressed upto 15 cm thick.	1.00	cum	5019.0	5019.00
7	Random rubble masonry with hard stone in foundation and plinth : Cement mortar 1:6 (1 cement : 6 coarse sand)	1.00		4245.0	4245.00

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 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
11	Carriage of Materials by mechanical transport including loading, unloading and stacking ::5km				
	earth				
	Sand, bazri, ballast, kankar	1.00	cum	245.95	246.00
		1.00	cum	196.76	197.00
12	Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic vibro 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.				
	60mm thick				
	80mm thick	1.00	Sqm.	664.00	664.00
		1.00	Sqm.	855.00	855.00
13	Emptying 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
14	Providing and fixing precast cement concrete M-20 grade (Using mechanical Concrete Mixer) kerb stone top and bottom width 115 and 165 mm respectively, 250 mm high on 150 mm thick PCC M-10 grade foundation as per design, including fixing at site as per clause 408 of MoRT&H Specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	1	MTR	312.5	313.00
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	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
	Cement Concrete Grade M-15 and above and PCC blocks	1	cum	620	620.00
17	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer.				
	Bituminous courses	1	cum	411	411.00
	Granular courses	1	cum	286.5	287.00

18	Steel work welded in built up sections/ framed work including cutting, holting, 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
19	Providing and fixing of 60mm thick precast cement concrete interlocking paver block casted with rubber moulds in approved reflective colour and design having minimum 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 specifications.	1.00	sqm	737.00	737.00
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 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 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.				
	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 masonry including 20mm plaster inside and outside as per drawing and direction of Engineer.	1	metre	8380	8380.00
23	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

24	Lowering of circular brick / RR stone masonry manhole with circular opening 600mm dia and frame slab to required level including dismantling existing slab and manhole well, taking out the existing CI frame & cover of manhole and lowering it upto ground/ road level, retizing of frame and cover in M16 (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
	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded 20mm nominal size stone aggregates) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 75mm thick with 20mm thick nominal size aggregate.	1	sqm	458	458.00
25	Distemping with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work.	1	sqm	71.3	71.00
	Providing and laying un-reinforced, dowel jointed, plain cement concrete mix With Concrete Mixer & vibrator pavement over prepared sub base with 43 grade cement, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25 mm, mixed as per approved mix design, laid, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membranes, sealant primer, joint sealant, debonding strip, admixtures (if required) as approved, curing compound, finishing to lines and grades complete as per drawing and as per clause 602, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. PCC IA-20	1	cum	5550	5550.00
	Extra for random rubble masonry with hard stone in superstructure above plinth level and upto two stories.	1	cum	890.00	890.00
16	Providing and laying lean cement concrete 1:4:8 in Sub-base 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 manually, compacted with surface vibrator, finishing and curing complete as per clause 601, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	1	Cum	2775	2775.00
26	Distemping with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete, as per manufacturer's specification. One or more coats on old work.	1	sqm	37.4	37.40
Total					77197.40

Terms and Condition :-

1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेंगे।
2. कार्य स्थल पर श्रमिक व सामग्री की सुरक्षा की जिम्मेवारी संवेदक की होगी।
3. जी.सारणी में वर्णित कार्य के अतिरिक्त व अधिक कार्य संवेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
4. कार्य स्थल पर कार्य सम्बन्धित सूचनाएं दर्शाने वाला बोर्ड संवेदक को स्वयं के स्तर पर लगाना होगा।
5. टैकण त्रुटी की अवस्था में सम्बन्धित रेट मान्य होगी।
6. कार्य करने से पूर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगे।

7. दोष निवारण अवधि नियमानुसार रहेगी ।

8. दरें 4 माह तक मान्य रहेगी

9 सशर्त निविदा स्वीकार नहीं होगी ।



EXECUTIVE ENGINEER
NAGAR NIGAM SOUTH JODHPUR.

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

(Signature of Contractor)

JODHPUR NAGAR NIGAM, SOUTH

G-SCHEDULE

NIT No. _____ Date _____

Sr No. _____

Last Date of Sale :- _____

Earnest Money : Rs. _____

Date of Receipt :- _____

CR No. _____ Dated: _____

Copy Issued to M/s _____

Name of Work-Construction of BT road work at various Places in city zone (ward no. 48 to 57, 71,72) Annual Rate Contract

RUIDP SOR 2022

B.No.	Item	Qty.	Unit	Unit	Unit
1	Dismantling of flexible pavements and disposal of dismantled materials up to a load of 50 metres as directed by Engineer. Bituminous courses	1.00	Cum	411.00	411.00
1.1	Granular courses	1.00	cum	286.50	286.50
2	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 load upto 1000 metre as per MoRT&H specification clause 301. In all type of soil	1.00	Cum	214.50	214.50
3	Carriage of Materials by mechanical transport including loading, unloading and stacking : 5 km	1.00	cum	245.95	245.95
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	1.00	sqm	1704.00	1704.00
5	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.	1.00	sqm	27.70	27.70

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 specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	1.00	cum	9.90	9.90
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)	1.00	sqm	5380.00	5380.00
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 coat. With Bitumen VG-grade 30	1.00	sqm	106.50	106.50
	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 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	42.50	42.50
Total :					11113.55

Terms and Condition :-

1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेंगे।
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 पूर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगे।
7. दोष निवारण अवधि नियमानुसार रहेगी।
8. दरें 4 माह तक मान्य रहेगी
9. सशर्त निविदा स्वीकार नहीं होगी।



EXECUTIVE ENGINEER
NAGAR NIGAM SOUTH JODHPUR.

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

(Signature of Contractor)

**OFFICE OF THE MUNICIPAL CORPORATION, JODHPUR (SOUTH)
G-SCHEDULE**

NIT No. Date

Sr No.

Last Date of Sale :-

Earnest Money : Rs.

Date of Receipt :-

CR No. Dated.

Copy issued to M/s

Name of work- Nala Repairing work at various places in City Zone (ward no. 48 to 57,71, 72) Annual Rate Contract

S.No.	Item	S.No.	Unit	Rate In Rs.	Amount
1	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Bituminous courses	1.00	cum	411.00	411.00
	Granular courses	1.00	cum	286.50	286.50
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 Engineer. Cement Concrete Grade M-15 and above and PCC blocks	1.00	cum	620	620.00
	Lime Concrete, cement concrete grade M-10 (1:5:10) and below	1.00	cum	365	365.00
3	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. Rubble stone masonry in cement mortar.	1.00	cum	256.00	256.00
4	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	214.50	214.50
5	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/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m	1.00	cum	274.50	274.50
6	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	1.00	cum	348.50	348.50
7	Sludge clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	1.00	cum	372.50	372.50
8	Random rubble masonry with hard stone in foundation and plinth : Cement mortar 1:6 (1 cement : 6 coarse sand)	1.00	cum	4245.00	4245.00
9	Extra for random rubble masonry with hard stone in superstructure above plinth level and upto two stories.	1.00	cum	890.00	890.00
10	Cement plastering including T&P, scaffolding, material and complete labpou, including cost of water, curing, racking of joints etc. with 20 mm cement plaster of mix : 1:4 (1 cement : 4 fine/ coarse sand)	1.00	sqm	204.50	204.50
11	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) : Flush/ Ruled pointing	1.00	sqm	205.00	205.00
12	Supplying and fixing soorsagar bhura or equivalent ashlar sills, lintels and dassa, bearing, bed & top surface made perfently even, jabms, skirting steps etc. rough dressed : upto 15 cm. Thick	1.00	cum	5019.0	5019.00

13	Providing, lowering, laying in trenches, aligning, fixing in position and joining socketed rubber gasket type ISI marked UPVC pipes of Class III (8 Kg/sqm) suitable for potable water with rubber ring joints (as per IS 4985-2000) of following outer dia with all accessories (excluding specials) complete including all material, labour, hydraulic testing and commissioning as per Technical Specifications and as per direction of Engineer. Note : E/W to be measured and paid separately. 160 mm dia	1.00	metre	817.00	817.00
14	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto ninth level nominal size.	1.00	Cum	4340.00	4340.00
16	Providing and laying lean cement concrete 1:4:8 in Sub- base 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 manually, compacted with surface vibrator, finishing and curing complete as per clause 601, 112 of MoRT&H specification including all diversion, material, labour, machinery, lighting, guarding and maintenance of	1.00	Cum	2778.00	2778.00
17	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded 20mm nominal size stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete.	1.00	sqm	458	458.00
18	75mm thick with 20mm thick nominal size aggregate.				
18	Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic vibro 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
19	Providing and fixing of reinforced Ferro-Cement drain covers designed for 'A' class loading duly marked on cover with adequate steel reinforcement having thickness 75mm to 150mm anti corrosive bitumen painted M.S. plate, Rim and M.S. lifting hooks, Admixtures like plasticizer, bond improving compound, shrinkage, resistance compound, abrasion resistant complete as per approved design etc.				
A	Standard Size 600x800mm (75mm thick) for span 300 to 450mm	1.00	sqm	1520.00	1520.00
B	Standard Size 1000x800mm (100mm thick) for span 451 to 700mm	1.00	sqm	2499.00	2499.00
20	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
21	Carnage of Materials by mechanical transport including loading, unloading and stacking ::Earth. Upto 5 km	1.00	Cum	245.95	245.95
	Providing and laying un-reinforced, dowel jointed, plain cement concrete mix With Concrete Mixer & vibrator pavement over aprepared sub base with 43 grade cement, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25 mm, mixed as per approved mix design, laid,spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, admixtures (if required) as approved, curing compound, finishing to lines and grades complete as per drawing and as per clause 602, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. PCC M-20	1.00	cum	5550	5550.00

	Finishing and painting of 50mm thick overhead cement concrete (interlocking) work with 10% water proofing in approved reflective colour and finish having minimum compressive strength of 300 kg/cm ² . The CC work is to be done with fine sand 50mm thick bed of coarse sand and the work is to be finished. Complete job is to be executed as per the instruction of Engineer-in-charge. The rates to be inclusive of all test & lifts etc. complete as per specifications.	1.00	sqm		737.00	737.00
	Finishing and painting overhead cement concrete M-20 grade (Using maximum concrete above) with stone bed and bottom width 115 and 115 mm respectively, 200 mm high or 150 mm thick RCC M-10 grade foundation as per design, including filling at site as per clause 478 of specifications including all material, labour, machinery, lighting, watering and maintenance of division.	1.00	metre	312.5	312.50	312.50
22	Work for erection of steel structure framed work including cutting, welding, fitting in position and applying a priming coat of approved steel paint (with epoxy resin) etc. as required.	1.00	kg	117.50	117.50	117.50
Total						36423.95

Terms and Conditions:

1. सभी प्रकार के कर (टैक्स) सर्वेदक द्वारा ही वसूल किये जायेंगे।
2. कार्य स्थल पर अधिक व लागत की सुरक्षा की जिम्मेवारी सर्वेदक की होगी।
3. जो कारखानों में वर्णित कार्यों के अतिरिक्त व अधिक कार्य सर्वेदक द्वारा दी गई दरों के आधार पर करवाये जा सकेंगे।
4. कार्य स्थल पर कार्य संबंधित सूचनाएं दखाने वाला बोर्ड सर्वेदक को स्वयं के स्तर पर लगाना होगा।
5. लक्ष्य मुदतों की अवस्था में सम्बन्धित रेट मान्य होंगी।
6. कार्य करने से पूर्व एवं कार्य करने के पर्यंत कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा करने होंगी।
7. दोष निवारण अवधि नियमानुसार रहेगी।
8. दरें 4 माह तक मान्य रहेगी।
9. ससर्त निविदा स्वीकार नहीं होगी।

APIL

EXECUTIVE ENGINEER
NAGAR NIGAM SOUTH JODHPUR.

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

(Signature of Contractor)

MUNICIPAL CORPORATION, JODHPUR (SOUTH)
G-SCHEDULE

NIT No. Date

Last Date of Sale :-

Date of Receipt :-

Copy issued to M/s

Sr No.

Earnest Money : Rs.

CR No. Dated.

Name of Work :- Sewer line, cc and interlocking tiles work at various places in city zone(ward no. 73 to 80) Annual Rate Contract

B.No.	ITEMS	QTY.		RATE In Rs.	AMOUNT
1	Earth work for Bower 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	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
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				
	Granular courses	1.00	cum	493.50	494.00
		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		618.00	618.00
	250 mm internal diameter	1.00		883.00	883.00
	300 mm internal diameter	1.00	metre	1158.00	1158.00
	450 mm internal diameter	1.00		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		158.00	158.00
	250 mm internal diameter	1.00		175.00	175.00
	300 mm internal diameter	1.00	metre	199.00	199.00
	450 mm internal diameter	1.00		335.50	336.00
5	Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water, curing, racking of joints etc. with 20 mm cement plaster of mix :1:6 (1 cement : 6 fine/ coarse sand)	1.00	Sqm.	264.00	264.00
6	Supplying and fixing soorsagar bhura or equialent ashlar sills lintel and dassa ,bearing ,bed and top surface made perfeentctly even jams ,skirting steps etc. rough dressed upto 15 cm thick.	1.00	cum	5019.0	5019.00

7	Random rubble masonry with hard stone in foundation and plinth : Cement mortar 1:6 (1 cement : 6 coarse sand)	1.00		4245.0	4245.00
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 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
11	Carriage of Materials by mechanical transport including loading, unloading and stacking ::5km				
	earth				
	Sand, bazri, ballast, kankar	1.00	cum	245.95	245.00
		1.00	cum	199.76	197.00
12	Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic vibro 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.				
	60mm thick				
	80mm thick	1.00	Sqm.	664.00	664.00
		1.00	Sqm.	855.00	855.00
13	Emptying 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
14	Providing and fixing precast cement concrete M-20 grade (Using mechanical Concrete Mixer) kerb stone top and bottom width 115 and 165 mm respectively, 250 mm high on 150 mm thick PCC M-10 grade foundation as per design, including fixing at site as per clause 408 of MoRT&H Specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	1	MTR	312.5	313.00
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	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
	Cement Concrete Grade M-15 and above and PCC blocks	1	cum	620	620.00
17	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer.				
	Bituminous courses	1	cum	411	411.00
	Granular courses	1	cum	286.5	287.00

18	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
19	Providing and fixing of 60mm thick precast cement concrete interlocking paver block casted with rubber moulds in approved reflective colour and design having minimum 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 specifications.	1.00	sgm	737.00	737.00
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 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 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:- Excavation of earth work and road cutting for manhole will be measured and paid				
	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 masonry including 20mm plaster inside and outside as per drawing and direction of Engineer.	1	metre	8380	8380.00
23	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

24	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
	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded 20mm nominal size stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 75mm thick with 20mm thick nominal size aggregate.	1	sqm	458	458.00
25	Distemping with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. Two or more coats on new work.	1	sqm	71.3	71.00
	Providing and laying un-reinforced, dowel jointed, plain cement concrete mix With Concrete Mixer & vibrator pavement over prepared sub base with 43 grade cement , coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25 mm, mixed as per approved mix design, laid, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, admixtures (if required) as approved, curing compound, finishing to lines and grades complete as per drawing and as per clause 602, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. PCC M-20	1	cum	5550	5550.00
	Extra for random rubble masonry with hard stone in superstructure above plinth level and upto two stories.	1	cum	890.00	890.00
16	Providing and laying lean cement concrete 1:4:8 in Sub- base 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 manually, compacted with surface vibrator, finishing and curing complete as per clause 601, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	1	Cum	2775	2775.00
26	Distemping with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification. One or more coats on old work.	1	sqm	37.4	37.40
Total					77197.40

Terms and Condition :-

1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेंगे।
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 पूर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगे।

7. दूध नितारण अवधि नियमायुसार रहेगी ।

8. दूध 4 माह तक गाभ्य रहेगी

9 सशर्त निविदा स्वीकार नहीं होगी ।

EXECUTIVE ENGINEER
NAQAR NIGAM SOUTH JODHPUR.

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

(Signature of Contractor)

JODHPUR NAGAR NIGAM, SOUTH

G-SCHEDULE

NIT No. _____ Date _____

Sr No. _____

Last Date of Sale :- _____

Earnest Money : Rs.

Date of Receipt :- _____

CR No. Dated.

Copy issued to M/s

Name of Work-Construction of BT road work at various Places in city zone (ward no. 73 to 80) Annual Rate Contract

RUIDP SOR 2022

S.No.	Item	Qty.	Unit	Unit	Unit
1	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer.Bituminous courses				
1.1	Granular courses	1.00	Cum	411.00	411.00
		1.00	cum	286.50	286.50
2	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	214.50	214.50
3	Carriage of Materials by mechanical transport including loading,unloading and stacking : 5 km	1.00	cum	245.95	245.95
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	1.00	sqm	1704.00	1704.00
5	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.	1.00	sqm	27.70	27.70

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 specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	1.00	cum	9.90	9.90
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)	1.00	sqm	5380.00	5380.00
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 coat. With Bitumen VG-grade 30	1.00	sqm	106.50	106.50
	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 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	42.50	42.50
Total :					11113.55

Terms and Condition :-

1. सभी प्रकार के कर (टैक्स) संवेदक द्वारा ही वहन किये जायेंगे।
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 सम्बंधित रेट मान्य होगी।
6. कार्य करने से पूर्व एवं कार्य करने के पश्चात कार्य स्थल की फोटो/विडियोग्राफी सीडी आवश्यक रूप से कार्यालय में जमा कराने होंगे।
7. दोष निवारण अवधि नियमानुसार रहेगी।
8. दरें 4 माह तक मान्य रहेगी
9. सशर्त निविदा स्वीकार नहीं होगी।

EXECUTIVE ENGINEER
NAGAR NIGAM SOUTH JODHPUR.

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

(Signature of Contractor)

**OFFICE OF THE MUNICIPAL CORPORATION, JODHPUR (SOuTH)
G-SCHEDULE**

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

**Name of work- Nala Repairing work at various places In City Zone (ward no. 73 to 80) Annual Rate
Contract**

S.No.	Item	S.No.	Unit	Rate In Rs.	Amount
1	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Bituminous courses	1.00	cum	411.00	411.00
	Granular courses	1.00	cum	286.50	286.50
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 Engineer. Cement Concrete Grade M-15 and above and PCC blocks	1.00	cum	620	620.00
	Lime Concrete, cement concrete grade M-10 (1:5:10) and below	1.00	cum	365	365.00
3	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. Rubble stone masonry in cement mortar.	1.00	cum	256.00	256.00
4	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	214.50	214.50
5	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/ saturated soil such as moorum, sand, sandy silt, clay, black cotton soil, kankar, etc. Depth upto 1.5 m	1.00	cum	274.50	274.50
6	Silt clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	1.00	cum	348.50	348.50
7	Sludge clearance of drains, channels and canals with lift 1.5 Mtr and lead up to 50 Mtr.	1.00	cum	372.50	372.50
8	Random rubble masonry with hard stone in foundation and plinth : Cement mortar 1:6 (1 cement : 6 coarse sand)	1.00	cum	4245.00	4245.00
9	Extra for random rubble masonry with hard stone in superstructure above plinth level and upto two stories.	1.00	cum	890.00	890.00
10	Cement plastering including T&P, scaffolding, material and complete labpour, including cost of water, curing, racking of joints etc. with 20 mm cement plaster of mix : 1:4 (1 cement : 4 fine/ coarse sand)	1.00	sqm	204.50	204.50
11	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) : Flush/ Ruled pointing	1.00	sqm	205.00	205.00
12	Supplying and fixing soorsagar bhura or equivalent ashlar sills, lintels and dassa, bearing, bed & top surface made perfectly even, jabms, skirting steps etc. rough dressed : upto 15 cm. Thick	1.00	cum	5019.0	5019.00

13	Providing, lowering, laying in trenches, aligning, fixing in position and jointing socketed rubber gasket type ISI marked uPVC pipes of Class III (8 Kg/sqcm) suitable for potable water with rubber ring joints (as per IS 4985-2000) of following outer dia with all accessories (excluding specials) complete including all material, labour, hydraulic testing and commissioning as per Technical Specifications and as per direction of Engineer. Note : E/w to be measured and paid separately 160 mm dia	1.00	metre	817.00	817.00
14	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
16	Providing and laying lean cement concrete 1:4:8 in sub-base 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 manually, compacted with surface vibrator, finishing and curing complete as per clause 601, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	1.00	Cum	2775.00	2775.00
17	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded 20mm nominal size stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 75mm thick with 20mm thick nominal size aggregate.	1.00	sqm	458	458.00
18	Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationary hydraulic vibro 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
19	Providing and fixing of reinforced Ferro-Cement drain covers designed for 'A' class loading duly marked on cover with adequate steel reinforcement having thickness 75mm to 150mm anti corrosive bitumen painted M.S. plate, Rim and M.S. lifting hooks, Admixtures like plasticizer, bond improving compound, shrinkage, resistance compound, abrasion resistant complete as per approved design etc.				
A	Standard Size 600x800mm (75mm thick) for span 300 to 450mm	1.00	sqm	1520.00	1520.00
B	Standard Size 1000x800mm (100mm thick) for span 451 to 700mm	1.00	sqm	2499.00	2499.00
20	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
21	Carriage of Materials by mechanical transport including loading, unloading and stacking ::Earth. Upto 5 km	1.00	Cum	245.95	245.95
	Providing and laying un-reinforced, dowel jointed, plain cement concrete mix With Concrete Mixer & vibrator pavement over prepared sub base with 43 grade cement, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25 mm, mixed as per approved mix design, laid, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, admixtures (if required) as approved, curing compound, finishing to lines and grades complete as per drawing and as per clause 602, 112 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion. PCC M-20	1.00	cum	5550	5550.00

	<p>1. ...</p>	1.00	...	737.00	737.00
	<p>2. ...</p>	1.00	...	312.8	312.80
<p>3.</p>	<p>...</p>	1.00	...	117.00	117.00
<p>Total</p>					<p>1166.80</p>

Work Schedule:

1. ...
2. ...
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4. ...
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7. ...
8. ...
9. ...

EXECUTIVE ENGINEER
NAGARNIGAM SOUTH CANNARA

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

(Signature of Contractor)