



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

स्प्रीड पोस्ट/ई-मेल

संख्या: भा.वि.प्रा./नि.मु./अभि.(उ.क्षे.)/ग्वालियर/ रोड एंड ड्रेनस /288

दिनांक: 15.03.2023

सेवा में,

मैसर्स काईसर कंस्ट्रक्शन इंजीनियर्स एंड
कॉन्ट्रैक्टर्स

337/21, न्यू सिविल लाइंस, यादव नगर

एटा-207001 (उ.प्र.)

दूरभाष नंबर - 05742-239271

ई-मेल: kaiser.constructions6@gmail.com

M/s Kaiser Construction Engineers &
Contractors-

337/21, New Civil Lines, Yadav Nagar

Etah - 207001 (U.P.)

Tel. No. - 05742-239271

Email: kaiser.constructions6@gmail.com

विषय: ग्वालियर हवाई अड्डे पर सिविल एन्क्लेव का विस्तार।

उपशीर्ष: ग्वालियर एयरपोर्ट पर सिटी साइड व्हीकल अप्रोच रोड, इंटरनल व्हीकल रोड, ड्रेनेज सिस्टम, ऑपरेशनल बाउंड्री वॉल, रेन वाटर हार्वेस्टिंग एवं अन्य संबंधित कार्यों का निर्माण।

Sub: Expansion of Civil Enclave at Gwalior Airport.

SH: Construction of City Side vehicular approach road, internal vehicular roads, drainage system, Operational Boundary Wall, Rain Water Harvesting and other associated works at Gwalior Airport.

[Tender ID No. 2023_AAI_142244_1]

संदर्भ: 1. ई-बिड आमंत्रण संख्या 2023_AAI_142244_1

2. CPP पोर्टल के माध्यम से दिनांक 14.02.2023 को खोली गयी आपकी तकनीकी ई-निविदा तथा दिनांक 21.02.2023 को खोली गयी आपकी वित्तीय ई-निविदा।

Ref: 1. E-bid Invitation No. 2023_AAI_142244_1

2. Your Technical e-Bid opened on 14.02.2023 and Financial e-Bid opened on 21.02.2023 through CPP Portal.

महोदय / Dear Sir,

- उपर्युक्त निर्दिष्ट कार्य हेतु आपकी ई-निविदा को आपके द्वारा उद्धृत मद दरों पर कुल राशि रुपये 26,67,67,389.17 (रुपये छब्बीस करोड़ सड़सठ लाख सड़सठ हजार तीन सौ नवासी और पैसे सत्रह मात्र), जीएसटी रहित, जो कि निविदा की अनुमानित लागत 33.49 करोड़ (रुपये तैंतीस करोड़ उनचास लाख रुपये मात्र) जीएसटी रहित से 20.34% कम है, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से एतद्वारा स्वीकार किया जाता है।

Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to Rs. 26,67,67,389.17 (Rupees Twenty Six Crore Sixty Seven Lakhs Sixty Seven Thousand Three Hundred Eighty Nine and Paise Seventeen Only), excluding GST, which is 20.34% Below the estimated cost put to tender of Rs. 33.49 Cr. (Rupees Thirty Three Crores Forty Nine Lakhs Only), excluding GST.

2. संयुक्त महाप्रबंधक (अभि०-सिविल), भाविप्रा, ग्वालियर हवाई अड्डा, ग्वालियर – 474020 कार्य के प्रभारी अभियंता होंगे। आपसे दिनांक 29.03.2023 तक संयुक्त महाप्रबंधक (अभि०-सिविल), भाविप्रा, नि० मु०-उ०क्षे०, तृतीय तल, बी-ब्लॉक, राजीव गांधी भवन, सफदरजंग हवाई अड्डा, नई दिल्ली के कार्यालय में उपस्थित होकर अनुबंध समझौते पर हस्ताक्षर कर पूर्ण करने के लिए अनुरोध किया जाता है। अनुबंध समझौते को रुपये 100/- (रुपये एक सौ मात्र) मूल्य के गैर-न्यायिक स्टांप पेपर पर निष्पादित किया जाएगा और स्टांप पेपर की लागत आपके द्वारा वहन की जाएगी।

Jt. General Manager (Engg-Civil), AAI, Gwalior Airport, Gwalior – 474020 shall be the Engineer-in-charge of the work. You are requested to attend the office of the **Jt. General Manager (Engg-Civil), AAI, CHQ-NR, 3rd Floor, B-Block, Rajiv Gandhi Bhawan, Safdarjung Airport, New Delhi** by 29.03.2023 to sign and complete the Contract Agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of **Rs. 100/- (Rupees One Hundred Only)** and the cost of the stamp paper shall be borne by you.

3. सभी शुद्धिपत्र, ई-निविदा प्रक्रिया के दौरान उठाए गए प्रश्न, स्पष्टीकरण आदि यदि कोई हों एवं उनके उत्तर, भी अनुबंध समझौते का हिस्सा होंगे।

All corrigendum, queries, clarifications etc., if any, raised during e-tendering process and replies thereof shall also form part of the contract agreement.

4. आपकी निविदा के साथ प्राप्त रुपये 58,49,000.00 (रुपये अठ्ठावन लाख उनचास हजार मात्र) की बयाना राशि को निविदा दस्तावेज के पृष्ठ क्रमांक GCC-18 पर खंड संख्या -1 (ए) के अनुसार सुरक्षा जमा के हिस्से के रूप में माना जाएगा और परिवर्तित किया जाएगा। कृपया इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सुरक्षा जमा के रूप में रुपये 74,89,370.00 (रुपये चौहत्तर लाख नवासी हजार तीन सौ सत्तर मात्र) जमा करें। ऐसा न करने पर निविदा दस्तावेज के पृष्ठ क्रमांक – GCC-18 पर खंड संख्या -1 (ए) की शर्त के अनुसार इस राशि की कटौती की जाएगी।

The earnest money deposit of **Rs. 58,49,000.00 (Rupees Fifty Eight Lakhs Forty Nine Thousand Only)** received along with your tender will be treated and converted as part of security deposit as per Clause no.-1(A) at page no. GCC-18 of Tender Document. Please deposit **Rs. 74,89,370.00 (Rupees Seventy Four Lakhs Eighty Nine Thousand Three Hundred Seventy Only)** towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per condition of Clause no.-1(A) at page no. GCC-18 of tender document.

5. कार्यदिश जारी होने के 30 दिनों के भीतर, आपको निविदा दस्तावेज के पृष्ठ क्रमांक – GCC -17 पर खंड संख्या -1 के अनुसार एवं निविदा दस्तावेज के पृष्ठ क्रमांक – GCC-138 पर अनुसूची – E के अनुसार भाविप्रा को निविदा दस्तावेज में संलग्न प्रारूप में किसी राष्ट्रीयकृत / अनुसूचित भारतीय बैंक से लेकिन किसी सहकारी या ग्रामीण बैंक से नहीं, बैंक गारंटी के रूप में रुपये 80,03,022.00 (रुपये अस्सी लाख तीन हजार बाईस मात्र) की एक अपरिवर्तनीय निष्पादन गारंटी प्रस्तुत करनी होगी।

Within 30 days of issue of work order, you shall submit to AAI, an irrevocable performance Guarantee as per Clause 1 at Page no. GCC -17 of Tender Document and as per Schedule 'E' at Page No. GCC -138 of tender document, for an amount of **Rs. 80,03,022.00 (Rupees Eighty Lakhs Three Thousand Twenty Two Only)** in the form of a Bank Guarantee from a Nationalized/Scheduled Indian bank but not from any Co-operative or Gramin Bank in the proforma appended in the tender document.

6. आपसे अनुरोध है कि ठेका श्रम (विनियमन और उत्सादन) अधिनियम 1970 एवं ठेका श्रम (विनियमन और उत्सादन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, भवन और अन्य निर्माण श्रमिक (सेवा की शर्तों के रोजगार का विनियमन) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996, न्यूनतम मजदूरी अधिनियम 1948, ई.पी.एफ. अधिनियम 1952, ई.एस.आई. अधिनियम 1948 तथा केंद्र और राज्य सरकार के नियमों के प्रावधान का पालन करें।

You are requested to comply with the provision of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central Rules 1971, Child Labour (Prohibition and Regulation) Act 1986, Building and other Construction Workers (Regulation of Employment of Conditions of Service) Act 1996, Building and other Construction Workers Welfare Cess Act 1996, Minimum Wages Act 1948, EPF Act 1952 & ESI Act 1948 & rules thereof Central & State Governments.

7. कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय छह (06) माह (वर्षा के लिए माना गया 1.5 महीना सहित) होगा और इसे इस पत्र के जारी होने की तारीख से दसवें दिन से संगणित किया जाएगा। इस बात पर बल दिया जाता है कि समयावधि का सख्ती से पालन किया जाना है।

Please note that the time allowed for carrying out the work shall be **Six (06) months (i/c 1.5 months considered for rains)** and same shall be reckoned from the tenth day from the date of issue of this letter. It is emphasized that the time schedule is to be strictly adhered to.

8. आपको महाप्रबंधक (परियोजना), भाविप्रा, ग्वालियर हवाई अड्डा से तुरंत संपर्क करने के लिए भी निर्देशित किया जाता है जो संबंधित साइट को आपको सौंपने की व्यवस्था करेंगे।

You are also directed to contact General Manager (Project), AAI, Gwalior Airport immediately who will arrange to hand over the site to you.

9. इस कार्यदेश की संख्या भा.वि.प्रा./नि.मु./अभि.(उ.क्षे.)/ग्वालियर/ रोड एंड ड्रेन्स आवंटित की जाती है, जो आपके द्वारा इस कार्य आदेश के संबंध में भविष्य के सभी पत्राचार के लिए उद्धृत की जाएगी।

This work order is allotted the number AAI/CHQ/Engg(NR)/Gwalior/Road & Drains/ which shall be quoted by you for all future correspondence in connection with this work order.

10. यह कार्यदिश निविदा दस्तावेज के साथ अनुबंध समझौते का हिस्सा बनेगा।

This work order shall form part of the Contract Agreement alongwith Tender Document.

11. अनुबंध के संबंध में भविष्य में कोई भी अन्य पत्राचार समान्यतः प्रभारी अभियंता, ग्वालियर हवाई अड्डे को संबोधित किया जाना चाहिए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer In-Charge, Gwalior Airport.

12. कृपया पावती की सूचना दें तथा स्वीकृति के प्रतीक के रूप में इस पत्र की संलग्न दूसरी प्रति पर विधिवत हस्ताक्षर करने के उपरांत अधोहस्ताक्षरी को वापस भेजें।

Please acknowledge the receipt and return the enclosed duplicate copy of this letter after duly signing it, to the undersigned as a token of acceptance.

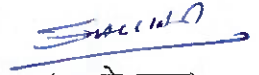
13. यदि हिन्दी अथवा अंग्रेजी संस्करण के बीच कोई विसंगति पाई जाती है, तो अंग्रेजी संस्करण ही मान्य होगा।

In case of any discrepancy found between Hindi or English version, then English version will prevail.

संलग्न : Price Schedule

भवदीय,

Yours faithfully,



(एस. के. सागर)

(S.K. Sagar)

संयुक्त महाप्रबंधक (अभि.-सिविल)

Jt. General Manager (Engg.-Civil)

अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण के लिए व उनकी तरफ से

For and on behalf of the Chairman,
Airports Authority of India

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Item Rate BoQ

Tender Inviting Authority: Asstt. General Manager (Engg.-Civil), Airports Authority of India, O/o Executive Director (Engg.)-NR, Corporate Head Quarters, B-Block, 3rd Floor, Rajiv Gandhi Bhawan, Safdarjung Airport, New Delhi-110 003

Name of Work: Expansion of Civil Enclave at Gwalior Airport. SH: Construction of City Side vehicular approach road, internal vehicular roads, drainage system, Operational Boundary Wall, Rain Water Harvesting and other associated works at Gwalior Airport.

Contract No: AAI/CHQ/Engg(NR)/Gwalior/Roads & Drains

Name of the Bidder/ Bidding Firm / Company :	M/s Kaiser Construction Engineers & Contractors, Add- 337/21, New Civil Lines, Yadav Nagar, Etah (U.P.) 207001
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	7	8	10
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	60475.00	Cum	95.90	5799552.50	INR Fifty Seven Lakh Ninety Nine Thousand Five Hundred & Fifty Two and Paise Fifty Only
2	Supplying and filling moorum/suitable earth obtained from approved quarry in embankment or depressions in layers not exceeding 20cm (loose) in depth (or any thickness as approved by the Engineer-in-Charge in case vibratory roller / soil compactor is used) including breaking clods, watering, consolidating each layer with power road roller 8-10 tonnes weight or vibratory roller / soil compactor of adequate capacity under optimum moisture content condition to give at least 98% of the maximum laboratory dry density (modified proctor density) as per IS code 2720 (part VIII) complete including leveling fine dressing to the required grade, camber and slope complete as per MORTH specifications and as directed by the Engineer-in-Charge with all leads and lifts (The item includes cost of work, payment of necessary royalty, carriage of moorum / suitable earth upto work site for all leads and lifts involved from all sources acquired or arranged by the Contractor. Payment to be made for compacted quantity only).	26491.00	Cum	230.16	6097168.56	INR Sixty Lakh Ninety Seven Thousand One Hundred & Sixty Eight and Paise Fifty Six Only
3	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	41004.00	Sqm	88.61	3633364.44	INR Thirty Six Lakh Thirty Three Thousand Three Hundred & Sixty Four and Paise Forty Four Only
4	Construction of granular sub-base by providing close graded material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30.	8051.00	Cum	1918.00	15441818.00	INR One Crore Fifty Four Lakh Forty One Thousand Eight Hundred & Eighteen Only
5	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	10064.00	Cum	2109.80	21233027.20	INR Two Crore Twelve Lakh Thirty Three Thousand & Twenty Seven and Paise Twenty Only

Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
6	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On W.B.M. @ 0.75 Kg / sqm	40260.00	Sqm	28.77	1158280.20	INR Eleven Lakh Fifty Eight Thousand Two Hundred & Eighty and Paise Twenty Only
7	Providing and laying Dense Graded Bituminous Macadam using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications and directions of Engineer-in-Charge. 50 to 100 mm average compacted thickness with bitumen of grade VG-30 @ 5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.	2812.00	Cum	8151.50	22922018.00	INR Two Crore Twenty Nine Lakh Twenty Two Thousand & Eighteen Only
8	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On bituminous surface @ 0.50 Kg / sqm	43260.00	Sqm	23.98	1037374.80	INR Ten Lakh Thirty Seven Thousand Three Hundred & Seventy Four and Paise Eighty Only
9	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge. 40/50 mm compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity	1731.00	Cum	8535.10	14774258.10	INR One Crore Forty Seven Lakh Seventy Four Thousand Two Hundred & Fifty Eight and Paise Ten Only
10	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge	2250.00	Sqm	40.28	90630.00	INR Ninety Thousand Six Hundred & Thirty Only
11	Taking out existing kerb stones of all types from footpath/ central verge, including removal of mortar etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge	1500.00	mtr	16.11	24165.00	INR Twenty Four Thousand One Hundred & Sixty Five Only
12	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge In cement mortar	810.00	Cum	886.12	717757.20	INR Seven Lakh Seventeen Thousand Seven Hundred & Fifty Seven and Paise Twenty Only
13	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	207.00	Cum	805.56	166750.92	INR One Lakh Sixty Six Thousand Seven Hundred & Fifty and Paise Ninety Two Only
14	Cutting road and making good the same including supply of extra quantities of materials i.e. aggregate, moorum screening, red bajri and labour required. Bituminous portion	113.00	Cum	2416.68	273084.84	INR Two Lakh Seventy Three Thousand & Eighty Four and Paise Eighty Four Only
15	Cutting road and making good the same including supply of extra quantities of materials i.e. aggregate, moorum screening, red bajri and labour required. Water Bound Macadam	188.00	Cum	1611.12	302890.56	INR Three Lakh Two Thousand Eight Hundred & Ninety and Paise Fifty Six Only
16	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	40.00	Cum	4350.02	174000.80	INR One Lakh Seventy Four Thousand and Paise Eighty Only

Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
17	Dry stone pitching 22.5 cm thick laid in courses and required profile with hammer dressed stones having no side less than 15 cm, with minimum depth of 20 cm including preparing the bedding surface etc. all complete. (Payment for Stone to be made separately).	1800.00	Sqm	354.45	638010.00	INR Six Lakh Thirty Eight Thousand & Ten Only
18	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	58.00	Cum	6444.48	373779.84	INR Three Lakh Seventy Three Thousand Seven Hundred & Seventy Nine and Paise Eighty Four Only
19	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	4302.00	Kg	62.83	270294.66	INR Two Lakh Seventy Thousand Two Hundred & Ninety Four and Paise Sixty Six Only
20	Brick edging in full brick width and half brick depth including excavation, refilling and disposal of surplus earth lead upto 50 metres. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5.	2400.00	Metre	128.89	309336.00	INR Three Lakh Nine Thousand Three Hundred & Thirty Five and Paise One Hundred Only
21	Dry brick pitching half brick thick in drains including supply of bricks and preparing the surface complete : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5.	1200.00	Sqm	112.78	135336.00	INR One Lakh Thirty Five Thousand Three Hundred & Thirty Six Only
22	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 80 mm thick C.C. paver block of M-30 grade with approved colour, design and pattern.	2400.00	Sqm	719.25	1726200.00	INR Seventeen Lakh Twenty Six Thousand Two Hundred Only
23	Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. (Old CC paver blocks shall be supplied by the department free of cost).	1125.00	Sqm	161.11	181248.75	INR One Lakh Eighty One Thousand Two Hundred & Forty Eight and Paise Seventy Five Only
24	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not be more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	122.00	Cum	6329.40	772186.80	INR Seven Lakh Seventy Two Thousand One Hundred & Eighty Six and Paise Eighty Only
25	Laying at or near ground level old kerb stones of all types in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement : 3 coarse sand), including making joints with or without grooves (thickness of joints, except at sharp curve, shall not be more than 5 mm), including making drainage opening wherever required etc. complete as per direction of Engineer-in-charge. (Length of finished kerb edging shall be measured for payment). (Old kerb stones shall be supplied by the department free of cost)	750.00	Mtr	56.39	42292.50	INR Forty Two Thousand Two Hundred & Ninety Two and Paise Fifty Only
26	Providing and fixing Glow studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acrylonitrile) or HIP (High impact polystyrene) or ABS having electronically welded micro-prismatic lens with abrasion resistant coating as approved by Engineer in charge. The glow stud shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be 35 (+/-5) degrees to base .The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS: 873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge	1280.00	Each	136.95	175296.00	INR One Lakh Seventy Five Thousand Two Hundred & Ninety Six Only

Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
27	Providing and applying 2.5 mm thick road marking strips (retroreflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.	900.00	Sqm	346.39	311751.00	INR Three Lakh Eleven Thousand Seven Hundred & Fifty One Only
28	Providing, laying and making kerb channel 30 cm wide and 50 mm thick with cement concrete 1:3:6 (1 cement: 3 coarse sand:6 graded stone aggregate 20 mm nominal size) over 75mm bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth etc. complete and as per direction of Engineer-in-charge	600.00	Sqm	330.28	198168.00	INR One Lakh Ninety Eight Thousand One Hundred & Sixty Seven and Paise One Hundred Only
29	Providing and laying 75 mm thick compacted bed of dry brick aggregate of 40 mm thick nominal size including spreading, well ramming, consolidating and grouting with jamuna sand, including finishing smooth etc. complete as per direction of Engineer-in- charge.	600.00	Sqm	153.06	91836.00	INR Ninety One Thousand Eight Hundred & Thirty Six Only
30	Providing and fixing post delineators made of ABS round body fitted with 2 nos 100 mm dia high reflective reflectors and mounted on MS pipe of 65 mm dia duly powder coated anti-rust and anti theft steel to be installed as per direction of Engineer-in-charge.	100.00	Each	563.89	56389.00	INR Fifty Six Thousand Three Hundred & Eighty Nine Only
31	Manufacturing, supplying and fixing retro reflective sign boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type - IV of ASTM-D 4956-01 in blue and silver white or other colour combination including subject matter, message (bilingual), symbols and borders etc. as per IRC : 67:2001, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class -2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back support frame of M.S. angle iron of size 25x25x3 mm along with theft resistant measures, mounted and fixed with 2 Nos. M.S. angles of size 35x35x5 mm to a vertical post made up to M.S. Tee section ISMT 50x50x6 mm welded with base plate of size 100x100x5 mm at the bottom end and including making holes in pipes, angles flats, providing & fixing M.S. message plate of required size, steel work to be painted with two or more coats of synthetic enamel paint of required shade and of approved brand & manufacture over priming coat of zinc chromate yellow primer (vertical MS-Tee support to be painted in black and white colours).Backside of aluminium sheet to be painted with two or more coats of epoxy paint over and including appropriate priming coat including all leads and lifts etc. complete as per drawing , specification and direction of Engineer-in-charge. Mandatory/ Regulatory sign boards of 900 mm diametre with support length of 3750 mm.	5.00	Each	4430.58	22152.90	INR Twenty Two Thousand One Hundred & Fifty Two and Paise Ninety Only

Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
32	Manufacturing, supplying and fixing retro reflective sign boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type - IV of ASTM-D 4956-01 in blue and silver white or other colour combination including subject matter, message (bilingual), symbols and borders etc. as per IRC : 67:2001, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class -2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back support frame of M.S. angle iron of size 25x25x3 mm along with theft resistant measures, mounted and fixed with 2 Nos. M.S. angles of size 35x35x5 mm to a vertical post made up to M.S. Tee section ISMT 50x50x6 mm welded with base plate of size 100x100x5 mm at the bottom end and including making holes in pipes, angles flats, providing & fixing M.S. message plate of required size, steel work to be painted with two or more coats of synthetic enamel paint of required shade and of approved brand & manufacture over priming coat of zinc chromate yellow primer (vertical MS-Tee support to be painted in black and white colours). Backside of aluminium sheet to be painted with two or more coats of epoxy paint over and including appropriate priming coat including all leads and lifts etc. complete as per drawing , specification and direction of Engineer-in-charge. Cautionary /warning sign boards of equilateral triangular	5.00	Each	3222.24	16111.20	INR Sixteen Thousand One Hundred & Eleven and Paise Twenty Only
33	Manufacturing, supplying and fixing retro reflective overhead signage boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity and encapsulated lens type heat activated retro reflective sheeting conforming to type - III of ASTM-D-4956-01 as approved by Engineer-in-charge, letters, borders etc. as per IRC : 67-2001 in silver white with blue colour back ground and with high intensity grade, pasted on substrate by pressure sensitive adhesive backing which shall be activated by applying pressure conforming to class II of ASTM-D-4956-01 and fixing the same to the plate of structural frame work by means of suitable sized aluminium alloys, rivets or bolts & nuts @ 300 mm centre to centre all along the periphery as well as in two vertical rows along with theft resistant measures, including the cost of painting with two or more coats of epoxy paint in grey colour on the back side of aluminium sheet including appropriate priming coat. The rate includes the cost of rounding off the corners, lowering down the structural frame work from the gantry, fixing and erecting the same in position all complete as per drawings, specification and direction of the engineer-incharge. (Structural frame work including M.S. plate to be provided separately. Rectangular area of the sheet only shall be measured for payment). 1 Overhead informatory road signage	60.00	Sqm	4430.58	265834.80	INR Two Lakh Sixty Five Thousand Eight Hundred & Thirty Four and Paise Eighty Only
34	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	1564.00	Cum	4603.20	7199404.80	INR Seventy One Lakh Ninety Nine Thousand Four Hundred & Four and Paise Eighty Only
35	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately). All works upto plinth level	6106.00	Cum	5754.00	35133924.00	INR Three Crore Fifty One Lakh Thirty Three Thousand Nine Hundred & Twenty Four Only
36	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :a) 1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 40 mm nominal size derived from natural sources)	292.00	Cum	5562.20	1624162.40	INR Sixteen Lakh Twenty Four Thousand One Hundred & Sixty Two and Paise Forty Only

Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
37	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately). All works above plinth level upto floor V level	34.00	Cum	6444.48	219112.32	INR Two Lakh Nineteen Thousand One Hundred & Twelve and Paise Thirty Two Only
38	Centering and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases for columns	1733.00	Sqm	201.39	349008.87	INR Three Lakh Forty Nine Thousand & Eight and Paise Eighty Seven Only
39	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 150 mm dia. R.C.C. pipe	50.00	Metre	394.72	19736.00	INR Nineteen Thousand Seven Hundred & Thirty Six Only
40	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 300 mm dia. R.C.C. pipe	175.00	Metre	161.11	28194.25	INR Twenty Eight Thousand One Hundred & Ninety Four and Paise Twenty Five Only
41	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. a) 450 mm dia RCC pipes.	313.00	Metre	1772.23	554707.99	INR Five Lakh Fifty Four Thousand Seven Hundred & Seven and Paise Ninety Nine Only
42	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. b) 600 mm dia RCC pipes.	963.00	Metre	2416.68	2327262.84	INR Twenty Three Lakh Twenty Seven Thousand Two Hundred & Sixty Two and Paise Eighty Four Only
43	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. c) 900 mm dia RCC pipes.	113.00	Metre	3786.13	427832.69	INR Four Lakh Twenty Seven Thousand Eight Hundred & Thirty Two and Paise Sixty Nine Only
44	Constructing brick masonry circular type manhole 0.91 m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand), inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size), and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, all complete as per standard design : 0.91 m deep with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560 mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182 kg., fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete. (Excavation, foot rests and 12mm thick cement plaster at the external surface shall be paid for separately) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5.	30.00	Each	8861.16	265834.80	INR Two Lakh Sixty Five Thousand Eight Hundred & Thirty Four and Paise Eighty Only
45	Extra depth for circular type manhole 0.91m internal dia (at bottom) beyond 0.91 m to 1.67 m 19.10.1 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5.	45.00	Metre	5477.81	246501.45	INR Two Lakh Forty Six Thousand Five Hundred & One and Paise Forty Five Only
46	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.: Thermo-Mechanically Treated bars of grade Fe-500D or more.	1008477.00	Kg	68.47	69050420.19	INR Six Crore Ninety Lakh Fifty Thousand Four Hundred & Twenty and Paise Nineteen Only
47	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.: Thermo-Mechanically Treated bars of grade Fe-500D or more.	8837.00	Kg	68.47	605069.39	INR Six Lakh Five Thousand & Sixty Nine and Paise Thirty Nine Only

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48	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	756.00	Sqm	201.39	152250.84	INR One Lakh Fifty Two Thousand Two Hundred & Fifty and Paise Eighty Four Only
49	Centering shuttering including struttings, propping etc. and removal of form work for: Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses plinth and string courses fillets,kerbs and steps etc.	23673.00	Sqm	443.06	10488559.38	INR One Crore Four Lakh Eighty Eight Thousand Five Hundred & Fifty Nine and Paise Thirty Eight Only
50	Centring and shuttering including strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform.	5196.00	Sqm	443.06	2302139.76	INR Twenty Three Lakh Two Thousand One Hundred & Thirty Nine and Paise Seventy Six Only
51	Brick work with clay flyash F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	963.00	Cum	4507.30	4340529.90	INR Forty Three Lakh Forty Thousand Five Hundred & Twenty Nine and Paise Ninety Only
52	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : cement mortar 1:6 (1 cement : 6 coarse sand).	5.00	Cum	5638.92	28194.60	INR Twenty Eight Thousand One Hundred & Ninety Four and Paise Sixty Only
53	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size stone aggregate.	39.00	Sqm	362.50	14137.50	INR Fourteen Thousand One Hundred & Thirty Seven and Paise Fifty Only
54	6 mm cement plaster of mix : 1:3 (1 cement: 3 fine sand).	615.00	Sqm	201.39	123854.85	INR One Lakh Twenty Three Thousand Eight Hundred & Fifty Four and Paise Eighty Five Only
55	Providing and placing in position 100 mm thick factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @maximum100mm c/c on both ways , neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick , 100 mm wide MS sheet duly painted over priming coat , reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.	6960.00	Sqm	1822.10	12681816.00	INR One Crore Twenty Six Lakh Eighty One Thousand Eight Hundred & Sixteen Only
56	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand).	1199.00	Sqm	233.61	280098.39	INR Two Lakh Eighty Thousand & Ninety Eight and Paise Thirty Nine Only
57	15 mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement: 6 coarse sand).	1019.00	Sqm	241.67	246261.73	INR Two Lakh Forty Six Thousand Two Hundred & Sixty One and Paise Seventy Three Only
58	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.	429.00	Sqm	80.56	34560.24	INR Thirty Four Thousand Five Hundred & Sixty and Paise Twenty Four Only
59	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	2000.00	KG	120.83	241660.00	INR Two Lakh Forty One Thousand Six Hundred & Sixty Only
60	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserviceable material's as per direction of officer in charge (excluding cast of plant & water)-Trees Plant	750.00	Each	5.64	4230.00	INR Four Thousand Two Hundred & Thirty Only
61	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserviceable material's as per direction of officer in charge (excluding cast of plant & water)-Shrubs Plant	750.00	Each	2.42	1815.00	INR One Thousand Eight Hundred & Fifteen Only
62	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserviceable material's as per direction of officer in charge (excluding cast of plant & water)-Hedge Plant /Ground cover	3000.00	Each	2.01	6030.00	INR Six Thousand & Twenty Nine and Paise One Hundred Only
63	Providing & laying Selection no. 1 doob grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden and than rolling the surface with light roller make the surface smoothen and light watering the same maintenance for 30 days or more till the grass establish properly,as per direction of officer in charge	2600.00	Sqm	60.42	157092.00	INR One Lakh Fifty Seven Thousand & Ninety Two Only

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64	Providing and laying Neelgiri/Mexican grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with tools wooden (Dhurmos) and than rolling the surface with light roller make the surface smoothen and light watering with sprinkler and maintenance for 30 days or more till the grass establish properly, as per direction of officer-in-charge.	1600.00	Sqm	153.06	244896.00	INR Two Lakh Forty Four Thousand Eight Hundred & Ninety Six Only
65	Providing and laying semi- dense Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge. 25 mm compacted thickness with bitumen of grade VG-30 @ 5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.	113.00	Cum	3222.24	364113.12	INR Three Lakh Sixty Four Thousand One Hundred & Thirteen and Paise Twelve Only
66	Providing Engineering Consultancy services for steel structure for sinage gantry structure, RCC foundation work, rain water drainage and testing for load bearing capacity with all relevant calculation sheet and design vetted by I.I.T/NIT/Govt Engg collage, Providing detailed construction drawing required during execution etc. as specified in tender document and any other details related to consultancy work which are essential for successful execution of works etc completes as per direction and satisfaction of EIC.	1.00	Job	563892.00	563892.00	INR Five Lakh Sixty Three Thousand Eight Hundred & Ninety Two Only
67	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable Method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.All types of soil 350 mm dia	875.00	Mtr	443.06	387677.50	INR Three Lakh Eighty Seven Thousand Six Hundred & Seventy Seven and Paise Fifty Only
68	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.-200 mm nominal size dia	75.00	Mtr	725.00	54375.00	INR Fifty Four Thousand Three Hundred & Seventy Five Only
69	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs,conforming to IS: 12818, including hire & labour charges, fittings &accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 200 mm nominal size dia.	875.00	Mtr	725.00	634375.00	INR Six Lakh Thirty Four Thousand Three Hundred & Seventy Five Only
70	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	89.00	Cum	966.67	86033.63	INR Eighty Six Thousand & Thirty Three and Paise Sixty Three Only
71	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	89.00	Cum	1047.23	93203.47	INR Ninety Three Thousand Two Hundred & Three and Paise Forty Seven Only
72	Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -incharge.	89.00	Cum	1047.23	93203.47	INR Ninety Three Thousand Two Hundred & Three and Paise Forty Seven Only
73	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	57.00	Cum	1127.78	64283.46	INR Sixty Four Thousand Two Hundred & Eighty Three and Paise Forty Six Only
74	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality. H D - 20 Circular shape 560 mm internal diameter	50.00	Each	1127.78	56389.00	INR Fifty Six Thousand Three Hundred & Eighty Nine Only

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75	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 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	9460.00	Kg	108.75	1028775.00	INR Ten Lakh Twenty Eight Thousand Seven Hundred & Seventy Five Only
76	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	1822.00	Cum	201.39	366932.58	INR Three Lakh Sixty Six Thousand Nine Hundred & Thirty Two and Paise Fifty Eight Only
77	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Lintels, beams, plinth beams, girders, bressumers and cantilevers	656.00	Sqm	402.78	264223.68	INR Two Lakh Sixty Four Thousand Two Hundred & Twenty Three and Paise Sixty Eight Only
78	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Columns, Pillars, Piers, Abutments, Posts and Struts	259.00	Sqm	563.89	146047.51	INR One Lakh Forty Six Thousand & Forty Seven and Paise Fifty One Only
79	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	222.00	Cum	4833.36	1073005.92	INR Ten Lakh Seventy Three Thousand & Five and Paise Ninety Two Only
80	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : cement mortar 1:6 (1 cement : 6 coarse sand)	129.00	Cum	5638.92	727420.68	INR Seven Lakh Twenty Seven Thousand Four Hundred & Twenty and Paise Sixty Eight Only
81	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	6683.00	Mtr	48.33	322989.39	INR Three Lakh Twenty Two Thousand Nine Hundred & Eighty Nine and Paise Thirty Nine Only
82	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	2564.00	Sqm	128.89	330473.96	INR Three Lakh Thirty Thousand Four Hundred & Seventy Three and Paise Ninety Six Only
83	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	450.00	mtr	241.67	108751.50	INR One Lakh Eight Thousand Seven Hundred & Fifty One and Paise Fifty Only
84	Providing and fixing in position pre-moulded joint filler in expansion joints.	4050.00	per cm depth per cm width per metre length	3.22	13041.00	INR Thirteen Thousand & Forty One Only
85	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All Kinds of soil	516.00	Cum	80.56	41568.96	INR Forty One Thousand Five Hundred & Sixty Eight and Paise Ninety Six Only
86	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms for all lead and lift, including getting out the excavated soil and disposal of surplus excavated soil as directed. All kinds of soil.	60.00	Cum	217.50	13050.00	INR Thirteen Thousand & Fifty Only

Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
87	Excavation work by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains not exceeding 1.5 m in width or 10 sqm on plan including dressing of sides and ramming of bottoms for all lead and lift, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50m. Ordinary rock	30.00	Cum	322.22	9666.60	INR Nine Thousand Six Hundred & Sixty Six and Paise Sixty Only
88	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	24.00	Cum	5638.92	135334.08	INR One Lakh Thirty Five Thousand Three Hundred & Thirty Four and Paise Eight Only
89	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	6.00	Cum	6444.48	38666.88	INR Thirty Eight Thousand Six Hundred & Sixty Six and Paise Eighty Eight Only
90	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	18.90	Cum	7250.04	137025.76	INR One Lakh Thirty Seven Thousand & Twenty Five and Paise Seventy Six Only
91	Brick work with bricks of class designation 35 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	10.15	Cum	6444.48	65411.47	INR Sixty Five Thousand Four Hundred & Eleven and Paise Forty Seven Only
92	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 250x16 mm	6.00	Each	120.83	724.98	INR Seven Hundred & Twenty Four and Paise Ninety Eight Only
93	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete : 150x10 mm	15.00	Each	40.28	604.20	INR Six Hundred & Four and Paise Twenty Only
94	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : 125 mm	24.00	Each	24.17	580.08	INR Five Hundred & Eighty and Paise Eight Only
95	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using flats 30x6mm for diagonal braces and central cross piece.	6.50	Sqm	3222.24	20944.56	INR Twenty Thousand Nine Hundred & Forty Four and Paise Fifty Six Only
96	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D,F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment). Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	180.00	Kg	120.83	21749.40	INR Twenty One Thousand Seven Hundred & Forty Nine and Paise Forty Only
97	Providing and fixing glass strips in joints of terrazo/ cement concrete floors. 40 mm wide and 4 mm thick.	23.00	Metre	56.39	1296.97	INR One Thousand Two Hundred & Ninety Six and Paise Ninety Seven Only
98	Grading roof for water proofing treatment with Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	2.50	Cum	5638.92	14097.30	INR Fourteen Thousand & Ninety Seven and Paise Thirty Only
99	Painting road surface marking with adequate nos of coats to give uniform finish with ready mixed road marking paint conforming to IS: 164, on bituminous surface in white/yellow shade, including cleaning the surface of all dirt, scales, oil, grease and foreign material etc.complete.New work (Two or more coats)	1326.00	Sqm	145.00	192270.00	INR One Lakh Ninety Two Thousand Two Hundred & Seventy Only
100	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.25 mm nominal dia Pipes	200.00	Mtr	241.67	48334.00	INR Forty Eight Thousand Three Hundred & Thirty Four Only

Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
101	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.50 mm nominal dia Pipes	200.00	mtr	483.34	96668.00	INR Ninety Six Thousand Six Hundred & Sixty Eight Only
102	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.80 mm nominal dia Pipes	200.00	mtr	1369.45	273890.00	INR Two Lakh Seventy Three Thousand Eight Hundred & Ninety Only
103	Providing and fixing G.I. pipes complete with G.I. fittings and clamps,i/c cutting and making good the walls etc.20 mm dia nominal bore	100.00	mtr	281.95	28195.00	INR Twenty Eight Thousand One Hundred & Ninety Five Only
104	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.-75 mm diameter	15.00	Mtr	161.11	2416.65	INR Two Thousand Four Hundred & Sixteen and Paise Sixty Five Only
105	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap	3.00	Each	1208.34	3625.02	INR Three Thousand Six Hundred & Twenty Five and Paise Two Only
106	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern	3.00	Each	4027.80	12083.40	INR Twelve Thousand & Eighty Three and Paise Forty Only
107	Supply of 4C x 16 sqmm, XLPE insulated & PVC sheathed armoured aluminium conductor under ground cable of 1.1KV grade conforming to I.S : 7098 (Part-I) with upto date ammendments as per approved list of AAI.	10500	Mtr	120.83	1268715.00	INR Twelve Lakh Sixty Eight Thousand Seven Hundred & Fifteen Only
108	Supply of 3.5C x 95 sqmm, XLPE insulated & PVC sheathed armoured aluminium conductor under ground cable of 1.1KV grade conforming to I.S : 7098 (Part-I) with upto date ammendments as per approved list of AAI.	2700	Mtr	322.22	869994.00	INR Eight Lakh Sixty Nine Thousand Nine Hundred & Ninety Four Only
109	Supply of 50mm dia 'B' class GI Pole of 4 Mtr (Vertical Height Excluding Arm) including, 15mm dia hole at suitable height for poer supply wires, 200X200X3mm thick MS Sheet welded in bottom side of pole complete as required as per site requirement.	132	Nos	1208.34	159500.88	INR One Lakh Fifty Nine Thousand Five Hundred and Paise Eighty Eight Only
110	Supply of cross arm of suitable shape/L shape of 50mm dia GI pipe not less than 1 mtr with required angle, including sockets, reducers, pipe threading/ welding, etc. complete as required as per site requirement for installation of LED fitting at the upper part of the pole complete etc as required.	132	Nos	402.78	53166.96	INR Fifty Three Thousand One Hundred & Sixty Six and Paise Ninety Six Only
111	Supply of high efficiency and low power consumption LED luminaire giving minimum 110 lumens / watt and power not exceeding 36 Watt with power coated pressure die-cast aluminium housing with toughened glass /polycarbonate cover and manufacturer name to be embossed on the luminaire having minimum IP 65 protection , weatherproof gasket and control gear compartments, integral electronic driver with THD < 10%, PFequal to .95 or more,luminaire shall have a life class of not less than 50,000 burning hours @L70, CRI minimum 70 suitable for mounting on existing bracket arm of 50 mm outer dia. compatible for luminaire.	140	Nos	2013.90	281946.00	INR Two Lakh Eighty One Thousand Nine Hundred & Forty Six Only

Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
112	Supplying of following size DWC HDPE pipe along with all accessories like socket, bend, couplers, seal rings etc. conforming to IS 14930, Part II complete etc., complete as required. a) 50 mm dia (OD-50 mm & ID-38 mm nominal)	8300	Mtr	56.39	468037.00	INR Four Lakh Sixty Eight Thousand & Thirty Seven Only
113	Supplying of following size DWC HDPE pipe along with all accessories like socket, bend, couplers, seal rings etc. conforming to IS 14930, Part II complete etc., complete as required. b) 90 mm dia (OD-90 mm & ID-76 mm nominal)	2100	Mtr	120.83	253743.00	INR Two Lakh Fifty Three Thousand Seven Hundred & Forty Three Only
114	Supply of SMC box of size 225mm x 205 mm x 112 mm including providing and fixing 1 no. 10 amp SP MCB and 4 no. 25 sqmm terminal block connector, 6 sqmm Disconnected terminal block, 4 sqmm earth terminal block along with necessary connections etc as required.	140	No	3463.91	484947.40	INR Four Lakh Eighty Four Thousand Nine Hundred & Forty Seven and Paise Forty Only
115	Supply of 16 Mtr. High Mast pole with all accessories including but not restricted to the following (a) Mast shaft in two/three sections, HDGI suitable for wind velocity as per IS 875 Part 3 (b) Head frame, steel wire rope of min 6 mm dia, double drum winch (c) Galvanized Lantern Carriage for lowering & raising arrangement & suitable to install 12 nos luminaires in symmetrical arrangement, (d) Integral power tool installed inside base compartment for its operation. (e) supply of foundation bolts manufactured from special steel (EN-8 Gd) along with nuts, washers, anchor plates and templates (f) Supply of single dome aviation obstruction lights with -2 nos. with LED lamps (g) Supply of control panel housing suitable control circuit for the operation of the mast, precision timer for automatic ON/OFF control and required controls for the power tool motor all as read. & as per the direction of Engineer-In-Charge.	1	Each	201390.00	201390.00	INR Two Lakh One Thousand Three Hundred & Ninety Only
116	Supply of 8 mtr. high hot dipped galvanised iron (HDGI) octagonal pole made of high tensile steel in single section, top dia of pole 70 mm, bottom dia of pole 130 mm, thickness of pole 3 mm, with 1mtr long hot dip galvanised double arm bracket made up of 42mm dia GI pipe suitable to mount on 70mm dia pole & Bakelite sheet with stud type connector & 6A SP MCB,500 mm long weatherproof reinforced door opening, base plate size 225 mm X 225 mm X 16 mm thick with M-20 X 4 nos of "J" foundation bolt of length 600 mm manufactured from special steel (EN-8 grade) with double nuts, washers all as reqd as per the direction of Engineer-In-Charge.	30	Each	9666.72	290001.60	INR Two Lakh Ninety Thousand & One and Paise Sixty Only
117	Supply of 8 mtr. high hot dipped galvanised iron (HDGI) octagonal pole made of high tensile steel in single section, top dia of pole 70 mm, bottom dia of pole 130 mm, thickness of pole 3 mm, with 1mtr long hot dip galvanised Single arm bracket made up of 42mm dia GI pipe suitable to mount on 70mm dia pole & Bakelite sheet with Stud Type connector & 6A SP MCB,500 mm long weatherproof reinforced door opening, base plate size 225 mm X 225 mm X 16 mm thick with M-20 X 4 nos of "J" foundation bolt of length 600 mm manufactured from special steel (EN-8 grade) with double nuts, washers all as reqd as per the direction of Engineer-In-Charge.	160	Nos	9666.72	1546675.20	INR Fifteen Lakh Forty Six Thousand Six Hundred & Seventy Five and Paise Twenty Only
118	Supply of high efficiency and low power consumption LED luminaire of 90 Watt suitable to operate 230V,50HZ,Single phase AC supply with power coated pressure die-cast aluminium housing with toughened glass /polycarbonate cover having minimum IP 65 protection , weather proof gasket and control gear, giving minimum 110 lumens / watt and electronic driver with THD < 10%, PF equal to .95 or more,suitable for mounting on existing bracket arm of 42 mm outer dia. compatible as required.	220	Nos	3786.13	832948.60	INR Eight Lakh Thirty Two Thousand Nine Hundred & Forty Eight and Paise Sixty Only
119	Supply of high efficiency and low power consumption LED luminaire of 200 Watt suitable to operate 230V,50HZ,Single phase AC supply with power coated pressure die-cast aluminium housing with toughened glass /polycarbonate cover having minimum IP 65 protection , weather proof gasket and control gear, giving minimum 110 lumens / watt and electronic driver with THD < 10%, PF equal to .95 or more,suitable for mounting on existing bracket arm of 42 mm outer dia. compatible as required.	12	Nos	9666.72	116000.64	INR One Lakh Sixteen Thousand and Paise Sixty Four Only
120	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade cable of up to 35 Sqmm size in the existing RCC/HUME/METAL/DWC HDPE pipe as required.	8300	Mtr	16.11	133713.00	INR One Lakh Thirty Three Thousand Seven Hundred & Thirteen Only
121	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade Cable above 35 sq. mm and upto 95 sq. mm size in the existing RCC/ HUME/ METAL/DWC HDPE pipe as required	2100	Mtr	28.19	59199.00	INR Fifty Nine Thousand One Hundred & Ninety Nine Only
122	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade cable of above 35 sq. mm and upto 95 sq. mm size in the existing masonry open duct as required.	823	Mtr	24.17	19891.91	INR Nineteen Thousand Eight Hundred & Ninety One and Paise Ninety One Only

Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
123	Supplying and making indoor end termination with brass compression gland and aluminium lugs for 4 x 16sqmm of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required :	663	Set	161.11	106815.93	INR One Lakh Six Thousand Eight Hundred & Fifteen and Paise Ninety Three Only
124	Supplying and making indoor end termination with brass compression gland and aluminium lugs for 3.5 x 95sqmm PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required :	10	Set	322.22	3222.20	INR Three Thousand Two Hundred & Twenty Two and Paise Twenty Only
125	Laying of 50 mm/90 mm dia DWC HDPE pipe with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.	10100	Mtr	96.67	976367.00	INR Nine Lakh Seventy Six Thousand Three Hundred & Sixty Seven Only
126	Erection of metallic pole of 4 Mtr length in cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling, suitable finishing on surface above the ground level, including painting and numberingetc. as required.	132	Job	2497.24	329635.68	INR Three Lakh Twenty Nine Thousand Six Hundred & Thirty Five and Paise Sixty Eight Only
127	Supplying and embedding 2 Nos approx 1.5 Mtr length 40mm dia G.I. pipe (medium class) in each pole collar / foundation (during casting) for cable entry/exit from bottom to SMC Box including bending the pipe to the required shape complete as required.	132	Each	644.45	85067.40	INR Eighty Five Thousand & Sixty Seven and Paise Forty Only
128	Installation, testing and commissioning of LED fitting on existing 4 Mtr pole with 3 x 1.5 sqmm PVC insulated copper conductor cable from cable looping box to fitting etc as required.	132	No	201.39	26583.48	INR Twenty Six Thousand Five Hundred & Eighty Three and Paise Forty Eight Only
129	Fixing of SMC box of size 225 mm x205 mmx 112 mm on existing tubular pole with suitable 2nos. clamps of 5mm thickness including nut, bolts, connections etc complete as required.	140	No	120.83	16916.20	INR Sixteen Thousand Nine Hundred & Sixteen and Paise Twenty Only
130	Supply, Installation, Testing & Commissioning of Feeder Pillar outdoor, cubicle type, made out of 2 mm thick CRCA sheet, totally enclosed, IP 55, floor mounting, dust and vermin proof, indoor compartmentalised, suitable for Operation on 3 Phase and neutral, 415 V, 50 Hz, AC system with busbars, internal wiring with suitable size wires / cables, interconnection, duly powder coated painting etc. including supply & installation of following switchgears, metering instruments and accessories in the Feeder Pillar and as per specifications. INCOMER :- (1) 1 Nos 63 Amp Four Pole MCCB (lcs value 25kA) with built in thermal based release unit with adjustable settings BUSBARS:- (1) 1 Set of 100 Amp TPN busbars of high conductivity electrolytic type aluminium alloy INSTRUMENTS:- (1) 1 Set of phase indicating lamps, LED type, RYB and voltage selector switch (1Nos) Auto / Mannual selector switch. (2) 1 Nos 50 Amp Analog Timer Switch FM/1 Quartz type QT (Daily) Rating - 16A, 220 Volt AC. , (3) 1 Nos 50 Amp 415 volt 3 phase contactor OUTGOING:- (1) 2 Nos. 40 Amp Four Pole, C Series MCB (lcs value 10 kA)	1	Set	40278.00	40278.00	INR Forty Thousand Two Hundred & Seventy Eight Only
131	Construction of shallow foundation with M20 grade concrete for the highmast considering the safe soil bearing capacity at site as 10 T/sqmt at 2 metre depth including erection of the high mast with the help of suitable tools and plants, wiring of luminaires with all wiring materials like PVC insulated PVC sheathed flexible cable of suitable copper conductor cores of 1.5 sq. mm, lugs, MCB and Installation of the mast feeder pillar with connection & wiring by grouting the stand in concrete etc. as required	1	Job	96667.20	96667.20	INR Ninety Six Thousand Six Hundred & Sixty Seven and Paise Twenty Only

Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
132	Erection of metallic pole of 8 Mtr length(single arm & double arm) in cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling, suitable finishing on surface above the ground level, including painting and numbering etc. as required.	190	Job	3222.24	612225.60	INR Six Lakh Twelve Thousand Two Hundred & Twenty Five and Paise Sixty Only
133	Installation, testing and commissioning of LED fitting on existing high mast & 8 Mtr pole with 3 core x 1.5 sqmm PVC insulated copper conductor cable from cable looping box to fitting etc as required.	232	No	362.50	84100.00	INR Eighty Four Thousand One Hundred Only
134	Supply, Installation, Testing & Commissioning of Feeder Pillar outdoor, cubicle type of minimum IP 65 Lighting Distribution Panel (in accordance with IEC EN 61439 or EN 62208) with Routine test certificate and OEM manufacturing certificate, the high flexibility of the modular enclosure system made of hot pressed, fibre glass reinforced Polyester (GRP) suitable for outdoor installation in public areas in accordance with IEC EN 61439 –5.The cabinet should high impact against mechanical load, made of halogen free and termite resistance materials conform to RoHS Directive (EU) 2017/2102 and REACH Regulation (EC) no.1907/2006. The entire system should have hinged doors with an opening angle of 95° which can be simply removed without special tools. The locking should be three point locking system with swivel lock, prepared for standard profile semi cylinder locks. The colour code should be RAL 7032 and all metal parts used are made of non- corrosive material threaded inserts M10 moulded in the back panel enable the direct assembly of bus bars, mounting plates or frames and other accessories. INCOMER :- (1) 1 Nos 100 Amp Four Pole MCCB (lcs value 25kA) with built in thermal based release unit with adjustable setting. BUSBARS:- (1) 1 Set of 100 Amp TPN busbars of high conductivity electrolytic type aluminium alloy INSTRUMENTS:- (1) 1 Set of phase indicating lamps, LED type, RYB and digital voltmeter (1Nos), Auto / Manual selector switch-1nos. (2) 1 Set Digital ammeter including 3nos of CTs (100/5A,CL-1,5VA) (3) 1 Nos 50 Amp, Analog Timer Switch FM/1 Quartz type QT (Daily) Rating - 16A, 220 Volt AC. . OUTGOING:- (1) 3 Nos. 63 Amp Four Pole, C Series MCCB (lcs value 10 kA) (2) 1 Nos. 32 Amp Four Pole, C Series MCB (lcs value 10 kA) (3) 1 Nos 32 Amp 415 volt 3 phase contactor.	3	Set	161112.00	483336.00	INR Four Lakh Eighty Three Thousand Three Hundred & Thirty Six Only
135	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	16	Each	4027.80	64444.80	INR Sixty Four Thousand Four Hundred & Forty Four and Paise Eighty Only
136	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	136	Mtr	161.11	21910.96	INR Twenty One Thousand Nine Hundred & Ten and Paise Ninety Six Only
137	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	270	Mtr	40.28	10875.60	INR Ten Thousand Eight Hundred & Seventy Five and Paise Sixty Only
Total in Figures					266767389.17	INR Twenty Six Crore Sixty Seven Lakh Sixty Seven Thousand Three Hundred & Eighty Nine and Paise Seventeen Only
Quoted Rate in Words		INR Twenty Six Crore Sixty Seven Lakh Sixty Seven Thousand Three Hundred & Eighty Nine and Paise Seventeen Only				