



भारतीय विमानपत्तन प्राधिकरण
नागर विमानक्षेत्र, केशोद
Airports Authority of India,
Civil Aerodrome, Keshod

By Speed post/ By email

भाविप्रा/केशोद/सहा.म.प्र.(अभि-सि)/न्यू एनडीबी /2023-24/
AAI/KESHOD/AGM (Engg-C)/ New NDB/2023-24/

दिनांक: 05.02.2024

Date: 05.02.2024

सेवा मे,
मेसर्स त्रिभोवन राघवजी प्रजापति
पहला माला, किरण कॉम्प्लेक्स
दीपावली सोसायटी के पास,
100 फीट रोड, आनंद- 388001 (गुजरात),

To,
M/S Tribhovan Raghavji Prajapati,,
1st Floor, Kiran Complex
Near Deepawali Society,
100 Feet road, Anand – 388001 (Gujarat)

कार्य का नाम : केशोद हवाई अड्डे पर नए एनडीबी का निर्माण और संबंधित कार्य।
Name of Work: Construction of new NDB and associated works at Keshod Airport.

संदर्भ:- आपकी ई-निविदा (Bid No.: - 2023_AAI_ 178752 _1) वित्तीय बिड दिनांक 24.01.2024 को खोली गई।

Ref: Your e-bid (Bid No.: - 2023_AAI_ 178752 _1) financial bid opened on dtd. 24.01.2024

महोदय/Sir,

- उपर्युक्त कार्य हेतु आपकी ई – निविदा से आपके द्वारा बताए गये मद मूल्यों पर आपकी राशी कुल रु 1,03,44,961.22 /- (जीएसटी रहित) है जो की अनुमानित लागत रु 1,07,88,363.00/- (जीएसटी रहित) से 4.11 प्रतिशत नीचे है, अध्यक्ष भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है।

Your E-Bid for the work mentioned above is hereby accepted on behalf of the Chairman Airports Authority of India at the item rate quoted by you totaling to Rs. 1,03,44,961.22 /- (Excluding GST) which is 4.11 % below the estimated cost put to tender of Rs. 1,07,88,363.00/-

- सहायक महाप्रबंधक (अभि-सिविल), केशोद विमानक्षेत्र, केशोद कार्य प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप स्वयं या आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करे जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 19.02.2024 तक सहायक महाप्रबंधक (अभि-सिविल), केशोद विमानक्षेत्र के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करे। ठेके का करारनामा रु.500/- (रु. पांच सौ मात्र) के नोन-ज्यूडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Asst. General Manager (Engg- Civil), Keshod Airport, Keshod shall be the Engineer-In-Charge of the work. You are requested to attend or depute your accredited representative, empowered to sign the contract agreement on your behalf, to attend the office of the Asst. General Manager (Engg- Civil), Keshod Airport by 19.02.2024 to sign and complete the contract agreement. The contract agreement shall be executed on a

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non-judicial stamp paper of value **Rs. 500/- (Rs. Five Hundred only)** and the cost of the stamp paper shall be borne by you.

3. कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर प्रतिभूति राशि रु **10,34,496.00/- (रु दस लाख चौतीस हजार चार सौ छियानवे)** जमा कर दे, अन्यथा ठेके के करारनामे मे शर्त 1A पृष्ठ के अनुसार इतनी ही राशि आपके रनिंग बिल से काट ली जाएगी ।

Please deposit of Rs. **10,34,496.00/- (Rupees Ten lakh thirty-four thousand four hundred ninety six only)** towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your running bills as per condition of Clause no. 1A of GCC of Contact document.

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) 1971 केंद्रीय नियमों के प्रावधान का पालन करे, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण कार्यकर्ता (रोजगार का विनियमन और सेवा की शर्त) अधिनियम 1996, बिल्डिंग और अन्य निर्माण कार्यकर्ता कल्याण सेस अधिनियम 1996 जैसा कि निविदा के जीसीसी के खंड 19 पृष्ठ 49 और केंद्रीय तथा राज्य सरकार के नियमों में निर्दिष्ट है।

You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and Contract labour (Regulation and Abolition) Central rules 1971 Child labour (Prohibition and Regulation) Act 1986, Construction workers (Regulation of Employment and Condition of service) Act 1996, Building and other construction workers welfare cess act 1996 as specified in clause 19 page 49 of GCC of tender & minimum wage act and rules of Central and state government.

5. आपको निर्देश दिया जाता है कि आप तुरंत **प्रबंधक (अभि-सिविल)**, केशोद विमानक्षेत्र से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact **Manager (Engg-Civil)**, Keshod Airport immediately who will arrange to hand over site to you.

6. कृपया नोट कर ले कि काम करने का अनुमत समय **06 (छह) माह** है जोकि इस पत्र के जारी होने की तिथि से 10 दिन बाद से या साइट सौंपने की तिथि से, जो भी पहले हो से प्रभावी होगा ।

Please note that, the time allowed for carrying out the work is **06 (Six) Months** and same shall be reckoned from the 10th day after issue of this letter or from date of handed over of site, whichever is earlier.

7. इस ठेके के संबंध मे आगे की कोई भी पत्राचार **सहायक महाप्रबंधक (अभि-सिविल)**, केशोद विमानक्षेत्र, केशोद 362220 के पते पर किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the **Asst. General Manager (Engg-Civil)**, Keshod Airport, Keshod - 362220.

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भारतीय विमानपत्तन प्राधिकरण
नागर विमानक्षेत्र, केशोद
Airports Authority of India,
Civil Aerodrome, Keshod

8. स्वीकृति के प्रतीक के रूप में अधिसूचना में हस्ताक्षर करने के बाद कृपया इस पावती को स्वीकार करें और इस पत्र की नकल प्रतिलिपि वापस करें।

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

9. यदि कोई विसंगति पाई जाती है तो अंग्रेजी संस्करण को सही रूप में लिया जाएगा ,
In case any discrepancy is found then English version will be taken as correct.

भवदीय /Yours faithfully

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05/02/2024

(अशोक चौधरी)/ (Ashok Choudhary)

सहा.महाप्रबंधक (अभि-सिविल)/Asst. General Manager (Engg-Civil)

कृते अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण/ For and on behalf of Chairman

भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India

केशोद हवाईअड्डा केशोद/Keshod Airport, Keshod

संलग्न :- यथोपरि

Tender Inviting Authority: Assistant General Manager Engg-Civil , Keshod Airport, Keshod - 362220								
Name of Work: Construction of new NDB and associated works at Keshod Airport.								
Contract No: 2023_AAL178752_1								
Name of the Bidder/ Bidding Firm / Company		M/s T. R. PRAJAPATI						
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)								
NUMBE R #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	RATE (excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT	TOTAL AMOUNT In Words
1	2	3	4	12	5	6	9	7
1.00	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	391.00	cum	INR	179.00	69989.00	69989.00	INR Sixty Nine Thousand Nine Hundred & Eighty Nine Only
2.00	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. Ordinary rock	238.00	cum	INR	329.00	78302.00	78302.00	INR Seventy Eight Thousand Three Hundred & Two Only
3.00	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, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m. All kinds of soil	6.00	cum	INR	219.00	1314.00	1314.00	INR One Thousand Three Hundred & Fourteen Only
4.00	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.	3.00	cum	INR	239.00	717.00	717.00	INR Seven Hundred & Seventeen Only
5.00	Supplying and filling in plinth with local sand under floors, including watering, ramming, consolidating and dressing complete.	18.00	cum	INR	2099.00	37782.00	37782.00	INR Thirty Seven Thousand Seven Hundred & Eighty Two Only
6.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	27.00	cum	INR	5299.00	143073.00	143073.00	INR One Lakh Forty Three Thousand & Seventy Three Only
7.00	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.	1200.00	Kg	INR	95.00	114000.00	114000.00	INR One Lakh Fourteen Thousand Only
8.00	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-500 D or more.	2280.00	Kg	INR	95.00	216600.00	216600.00	INR Two Lakh Sixteen Thousand Six Hundred Only
9.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Ordinary Portland admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. All works upto plinth level Concrete of M25 grade with minimum cement content of 330 kg /cum	10.00	cum	INR	7599.00	75990.00	75990.00	INR Seventy Five Thousand Nine Hundred & Ninety Only
10.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Ordinary Portland admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. All works above plinth level upto floor V level Concrete of M25 grade with minimum cement content of 330 kg /cum	19.00	Cum	INR	8599.00	163381.00	163381.00	INR One Lakh Sixty Three Thousand Three Hundred & Eighty One Only
11.00	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	37.00	Sqm	INR	249.00	9213.00	9213.00	INR Nine Thousand Two Hundred & Thirteen Only
12.00	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform	77.00	Sqm	INR	529.00	40733.00	40733.00	INR Forty Thousand Seven Hundred & Thirty Three Only
13.00	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	54.00	Sqm	INR	439.00	23706.00	23706.00	INR Twenty Three Thousand Seven Hundred & Six Only
14.00	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	37.00	Sqm	INR	439.00	16243.00	16243.00	INR Sixteen Thousand Two Hundred & Forty Three Only

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Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	RATE (excluding GST) in Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT	TOTAL AMOUNT in Words
15.00	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)	3.00	Cum	INR	7499.00	22497.00	22497.00	INR Twenty Two Thousand Four Hundred & Ninety Seven Only
16.00	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	10.00	sqm	INR	969.00	9690.00	9690.00	INR Nine Thousand Six Hundred & Ninety Only
17.00	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood	1.00	cum	INR	134999.00	134999.00	134999.00	INR One Lakh Thirty Four Thousand Nine Hundred & Ninety Nine Only
18.00	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	13.00	sqm	INR	2999.00	38987.00	38987.00	INR Thirty Eight Thousand Nine Hundred & Eighty Seven Only
19.00	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	150.00	kg	INR	169.00	25350.00	25350.00	INR Twenty Five Thousand Three Hundred & Fifty Only
20.00	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand: 6 graded stone aggregate 20mm nominal size).	42.00	each	INR	169.00	7098.00	7098.00	INR Seven Thousand & Ninety Eight Only
21.00	Providing and fixing aluminium sliding door bolts, ISI marked anodised anodic coating not less than grade AC 10 as per IS : 1868, transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm	14.00	each	INR	249.00	3486.00	3486.00	INR Three Thousand Four Hundred & Eighty Six Only
22.00	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 250x10 mm	7.00	each	INR	99.00	693.00	693.00	INR Six Hundred & Ninety Three Only
23.00	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	14.00	each	INR	99.00	1386.00	1386.00	INR One Thousand Three Hundred & Eighty Six Only
24.00	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper	8.00	each	INR	99.00	792.00	792.00	INR Seven Hundred & Ninety Two Only
25.00	Providing and fixing to existing door frames. 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	3.00	sqm	INR	1899.00	5697.00	5697.00	INR Five Thousand Six Hundred & Ninety Seven Only
26.00	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. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1200.00	kg	INR	149.00	178800.00	178800.00	INR One Lakh Seventy Eight Thousand Eight Hundred Only
27.00	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	1000.00	kg	INR	119.00	119000.00	119000.00	INR One Lakh Nineteen Thousand Only
28.00	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. 40 mm thick with 20 mm nominal size stone aggregate	19.00	Sqm	INR	449.00	8531.00	8531.00	INR Eight Thousand Five Hundred & Thirty One Only
29.00	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge. In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) Acid and alkali resistant tile	22.00	sqm	INR	1199.00	26378.00	26378.00	INR Twenty Six Thousand Three Hundred & Seventy Eight Only
30.00	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge. In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) Acid and alkali resistant tile	5.00	sqm	INR	1199.00	5995.00	5995.00	INR Five Thousand Nine Hundred & Ninety Five Only
31.00	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	12.00	sqm	INR	949.00	11388.00	11388.00	INR Eleven Thousand Three Hundred & Eighty Eight Only
32.00	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	13.00	Sqm	INR	1299.00	16887.00	16887.00	INR Sixteen Thousand Eight Hundred & Eighty Seven Only
33.00	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	10.00	Sqm	INR	1299.00	12990.00	12990.00	INR Twelve Thousand Nine Hundred & Ninety Only
34.00	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. 110 mm diameter	55.00	mtr.	INR	299.00	16445.00	16445.00	INR Sixteen Thousand Four Hundred & Forty Five Only
35.00	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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. Bend 87.5°, 110 mm bend	6.00	each	INR	99.00	594.00	594.00	INR Five Hundred & Ninety Four Only
36.00	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. a) 110 mm	18.00	each	INR	299.00	5382.00	5382.00	INR Five Thousand Three Hundred & Eighty Two Only

B 05/02/2024
AGM (EC)

Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	RATE (excluding GST) in Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT	TOTAL AMOUNT In Words
37.00	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (bothside inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum board conforming to IS : 2006 (Part I) - 2014 / Board with GIC and fire mark	48.00	Sqm	INR	1079.00	51792.00	51792.00	INR Fifty One Thousand Seven Hundred & Ninety Two Only
38.00	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	414.00	sqm	INR	249.00	103086.00	103086.00	INR One Lakh Three Thousand & Eighty Six Only
39.00	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	58.00	sqm	INR	249.00	14442.00	14442.00	INR Fourteen Thousand Four Hundred & Forty Two Only
40.00	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	141.00	sqm	INR	99.00	13959.00	13959.00	INR Thirteen Thousand Nine Hundred & Fifty Nine Only
41.00	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work	273.00	sqm	INR	99.00	27027.00	27027.00	INR Twenty Seven Thousand & Twenty Seven Only
42.00	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	40.00	sqm	INR	139.00	5560.00	5560.00	INR Five Thousand Five Hundred & Sixty Only
43.00	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : 3 mm thick	82.00	sqm	INR	549.00	45018.00	45018.00	INR Forty Five Thousand & Eighteen Only
44.00	Disposal of building rubbish / malba / similar serviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	238.00	Cum	INR	169.00	40222.00	40222.00	INR Forty Thousand Two Hundred & Twenty Two Only
45.00	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.	919.00	Sqm.	INR	149.00	136931.00	136931.00	INR One Lakh Thirty Six Thousand Nine Hundred & Thirty One Only
46.00	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	5.00	cum	INR	6299.00	31495.00	31495.00	INR Thirty One Thousand Four Hundred & Ninety Five Only
47.00	Providing and filling in position rubberized bitumen hot sealing compound for sealing of expansion joints in roads / pavements all complete as per direction of the Engineer-in-Charge. Using grade 'A' sealing compound conforming to IS: 1834.	878.00	per cm depth per cm	INR	6.99	6137.22	6137.22	INR Six Thousand One Hundred & Thirty Seven and Paise Twenty Two Only
48.00	Construction of dry lean cement concrete 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 specifications, 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 a batching plant, transported to site, for all leads & lifts, laid with a mechanical paver, compacting with 8-10 tonne vibratory roller, finishing and curing etc. complete as per direction of Engineer-in-charge.	131.00	cum	INR	3299.00	432169.00	432169.00	INR Four Lakh Thirty Two Thousand One Hundred & Sixty Nine Only
49.00	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	1.00	each	INR	4999.00	4999.00	4999.00	INR Four Thousand Nine Hundred & Ninety Nine Only
50.00	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 Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps	1.00	each	INR	2599.00	2599.00	2599.00	INR Two Thousand Five Hundred & Ninety Nine Only
51.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. 20 mm nominal outer dia Pipes	20.00	mtr	INR	349.00	6980.00	6980.00	INR Six Thousand Nine Hundred & Eighty Only
52.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 20 mm nominal outer dia Pipes	20.00	mtr	INR	599.00	11980.00	11980.00	INR Eleven Thousand Nine Hundred & Eighty Only
53.00	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. External work. 20 mm nominal outer dia Pipes	20.00	meter	INR	299.00	5980.00	5980.00	INR Five Thousand Nine Hundred & Eighty Only

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54.00	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 outer dia Pipes	100.00	meter	INR	699.00	69900.00	69900.00	INR Sixty Nine Thousand Nine Hundred Only
55.00	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 65 mm dia nominal bore	1800.00	Mtr	INR	749.00	1348200.00	1348200.00	INR Thirteen Lakh Forty Eight Thousand Two Hundred Only
56.00	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore	2.00	each	INR	299.00	598.00	598.00	INR Five Hundred & Ninety Eight Only
57.00	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 50 mm nominal bore	4.00	each	INR	899.00	3596.00	3596.00	INR Three Thousand Five Hundred & Ninety Six Only
58.00	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 65 mm nominal bore	1.00	Each	INR	1499.00	1499.00	1499.00	INR One Thousand Four Hundred
59.00	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	1.00	each	INR	399.00	399.00	399.00	INR Three Hundred & Ninety Nine Only
60.00	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1000.00	ltrs	INR	9.99	9990.00	9990.00	INR Nine Thousand Nine Hundred & Ninety Only
61.00	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	4.00	each	INR	499.00	1996.00	1996.00	INR One Thousand Nine Hundred & Ninety Six Only
62.00	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931. 15mm nominal bore	4.00	each	INR	599.00	2396.00	2396.00	INR Two Thousand Three Hundred & Ninety Six Only
63.00	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:180x150 mm size P type	3.00	each	INR	2499.00	7497.00	7497.00	INR Seven Thousand Four Hundred & Ninety Seven Only
64.00	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels 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 complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : a) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	10.00	each	INR	9499.00	94990.00	94990.00	INR Ninety Four Thousand Nine Hundred & Ninety Only
65.00	Extra for depth for manholes : Size 90x80 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	9.00	metre	INR	4999.00	44991.00	44991.00	INR Forty Four Thousand Nine Hundred & Ninety One Only
66.00	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. 450 mm dia RCC pipes.	50.00	meter	INR	2099.00	104950.00	104950.00	INR One Lakh Four Thousand Nine Hundred & Fifty Only
67.00	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 600 mm dia RCC pipes.	50.00	meter	INR	2399.00	119950.00	119950.00	INR One Lakh Nineteen Thousand Nine Hundred & Fifty Only
68.00	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion. Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	30.00	kg	INR	549.00	16470.00	16470.00	INR Sixteen Thousand Four Hundred & Seventy Only
69.00	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	30.00	kg	INR	649.00	19470.00	19470.00	INR Nineteen Thousand Four Hundred & Seventy Only
70.00	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) : With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	5.00	sqm	INR	1199.00	5995.00	5995.00	INR Five Thousand Nine Hundred & Ninety Five Only
71.00	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With stainless steel cover plate minimum 1.25 mm thickness	4.00	each	INR	1999.00	7996.00	7996.00	INR Seven Thousand Nine Hundred & Ninety Six Only
72.00	Construction of Subgrade embankment with Moorum brought out from approved quarry outside the airport premises. The complete operation will include spreading the Moorum with dozer, dressing, levelling, providing camber, grading with motor grader and consolidating with vibratory roller 8-10 tonne capacity including making good the undulation etc. as per technical specifications and drawings complete and directions of Engineer-in-Charge. (Cost includes all leads, taxes, royalty and operations)	215.00	Cum	INR	499.00	107285.00	107285.00	INR One Lakh Seven Thousand Two Hundred & Eighty Five Only

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05/01/2024
AGMCEY

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73.00	Laying in position dressed Bella stone size 15"x 9" x 7.5" masonry with cement mortar 1:6 (1 cement : 6 coarse sand) including striking joints on unexposed faces, racking out joints on exposed faces, watering, curing and scaffolding wherever required etc. complete as per specification and directions of Engineer Incharge. Upto Plinth Level	11.00	cum	INR	7999.00	87989.00	87989.00	INR Eighty Seven Thousand Nine Hundred & Eighty Nine Only
74.00	Laying in position dressed Bella stone size 15"x 9" x 7.5" masonry with cement mortar 1:6 (1 cement : 6 coarse sand) including striking joints on unexposed faces, racking out joints on exposed faces, watering, curing and scaffolding wherever required etc. complete as per specification and directions of Engineer Incharge. above Plinth Level.	40.00	cum	INR	8599.00	343960.00	343960.00	INR Three Lakh Forty Three Thousand Nine Hundred & Sixty Only
75.00	Structural Consultancy for NDB Building and rigid pavement approach road at Keshod Airport". The Scope of work includes: 1. Structural designing & Detailing with relevant seismic considerations for NDB building Civil Works. 2. Designing & Detailing for rigid pavement approach road to bear the load of fire crash tender	1.00	Job	INR	99999.00	99999.00	99999.00	INR Ninety Nine Thousand Nine Hundred & Ninety Nine Only
76.00	Providing and fixing at site Cushion Vinyl/fully flexible Vinyl Flooring confirming to IS 3462 flooring of approved make with fiber base using rubber base adhesive incl. rolling with light wooden roller of Royal House/ Wonder Floor or approved equivalent as per Specifications and satisfaction of Engineer-In-Charge. (a) 2.0 mm thick sheet	19.00	Sqm	INR	1799.00	34181.00	34181.00	INR Thirty Four Thousand One Hundred & Eighty One Only
77.00	Providing and fixing, in position concealed G.I. section for wall paneling 'W' profile (0.55 mm thick) having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm, placed @ 610 mm C/C in perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm. Perimeter channel is fixed on the floor and the ceiling with the nylon sleeves @ 610 mm C/C with fully threaded self-tapping dry wall screws. Board is fixed to the 'W' profile with 25 mm countersunk ribbed head screws @ 200 mm C/C., all complete as per the drawing & directions of engineer-in-charge, the joints of the boards are finished with specially formulated jointing compound and 48mm wide jointing tape to provide seamless finish.	125.00	sqm	INR	749.00	93625.00	93625.00	INR Ninety Three Thousand Six Hundred & Twenty Five Only
78.00	Providing and fixing 10 mm thick EGSSB grade Medium Density Fiber (M.D.F.) Board confirming to IS 12406-1988 such as NUWUD or equivalent to the existing in position concealed G.I. section for wall paneling	125.00	sqm	INR	1599.00	199875.00	199875.00	INR One Lakh Ninety Nine Thousand Eight Hundred & Seventy Five Only
79.00	Providing & Fixing vertical faces 1.5 mm thick laminate of approved make and shade (color shall be RAL 9003 or equivalent) fixing using approved adhesive leaving 1.5 mm wide grooves as desired, including cost of adhesive of approved quality. 1.5 mm thick	125.00	sqm	INR	1399.00	174875.00	174875.00	INR One Lakh Seventy Four Thousand Eight Hundred & Seventy Five Only
80.00	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 110 mm dia nominal bore	150.00	Mtr	INR	1099.00	164850.00	164850.00	INR One Lakh Sixty Four Thousand Eight Hundred & Fifty Only
81.00	Construction of granular sub-base by providing close graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401	87.00	Cum	INR	2299.00	200013.00	200013.00	INR Two Lakh & Thirteen Only
82.00	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	87.00	Cum	INR	2099.00	182613.00	182613.00	INR One Lakh Eighty Two Thousand Six Hundred & Thirteen Only
83.00	Providing and laying Pavement Quality Concrete (PQC) produced in a batching and mixing plant having a Characteristic flexural strength i.e. flexural strength of 4.1 MPa at 28 days using Ordinary Portland cement of 43/53 grade or Portland Pozzolana Cement or Portland Slag cement conforming as per relevant IS codes, to be mixed at site, with 0.5% Super plasticizer by mass of cementitious material, fine aggregate, graded stone aggregates of 40 mm nominal size in appropriate proportion as per specification and job mix formula, laid in panels as per drawings/design as approved by the Engineer-In-Charge using Slip Form Paver or Fixed form paver including anti friction layer, joint filler board, making necessary provision for expansion, dummy and construction joint including filling with Polysulphide sealant of approved make, curing and making profile, complete as per direction of Engineer-in-Charge and specifications. The item for execution shall include all operations making pavement for intended use but not limited to following: (i) Polyethylene sheet (White in color) of thickness 400 micron conforming to IS: 2508 with 6mm thick fine sand layer. (ii) Providing and laying in position for expansion joint, 25mm thick pre-cut Synthetic joint filler board of approved make conforming to IS:1838(part 3)-2011, 45 mm from top (to be removed at the time of filling of Polysulphide sealant). (iii) Mechanically cutting dummy joints 3mm wide x 1/3rd thickness of slab which is subsequently widened to 10mm for the top 25mm depth and construction joints 10mm wide x 25mm deep as per specification. (iv) Providing and laying in position Polysulphide sealant of approved make conforming to BS-5212-1990 or IS: 11433-1995 in expansion/ construction / dummy joints including rounding off edges, applying 2 coats of approved primer compatible with the brand of Polysulphide and preparing the surface and applying masking tape along the edge of joint to prevent accidental spillage of sealant on top surface and to give neat finish to the sealant and removing the masking tape after application of sealant etc. as per the details below: (a) Expansion Joints of size 25 mm wide and 10 mm deep over 30mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A'. (b) Construction Joints of size 10 mm wide and 10 mm deep over 12mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A'. (c) Dummy Joints of size 10 mm wide and 10 mm deep over 12 mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A'. (v) Making profile as per DGCA CAR, panel drawing showing dummy, construction, expansion joints location. Note: (i) Areas inaccessible to paving equipment shall be constructed by manual/hand guided method. Areas in which manual/hand guided methods of construction become indispensable shall be got approved by the Engineer-in-Charge in writing in advance. (ii) The quantity of cement, type of cement and super plasticizer for one Cum. of finished concrete specified are for tendering purpose only. The contractor shall quote his rates assuming quantity of OPC cement as 360 Kg/Cum or 400 Kg of Portland Pozzolana Cement/ Portland Slag cement. In addition, if the actual quantity of cement & super plasticizer required as per laboratory mix design varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of cement and super plasticizer as per mix design, if any, shall be done as per the rate of cement and super plasticizer in actual supply voucher from manufacturer/authorized dealer.	313.00	Cum	INR	4599.00	1439487.00	1439487.00	INR Fourteen Lakh Thirty Nine Thousand Four Hundred & Eighty Seven Only

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05/02/2024
ACM/EG

Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	RATE (excluding GST) in Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT	TOTAL AMOUNT in Words
84.00	Design, fabrication, assembling, supply, of cubicle type LT panels, free floor standing/wall mounted as per site condition suitable for 415V, 3 phase, 4 wire 50 Hz AC supply system fabricated in compartmentised design from Thermoplastic polycarbonate, IP 54 (EN 60529), Busbar rating 250A (RYB12x10) (N & PE 12x5) mm Cu, Busbar Short time current capacity: 30kA Peak, solid connection from main busbar to switchgears with require size of aluminium busbar & control wiring with FRLSH insulated copper conductor cable, cable alleys, cable gland plates i/c accessories as per specification and providing switchgears, metering instruments etc. to the panel. (Hensel panel no. HEN MI DB- 2277-2023-1 or equivalent) (approx Size: 1880x2200x750mm) Incomer: a) 160A FP 25kA MCCB- 2no., b) 160A FP ATS- 1 no., c) 160A Fuse with base-1 no., d) 160A FP 36kA µP MCCB (O/L, S/C, E/F)- 1 No. e) 63A FP 10kA MCB -1 No. f) 400 VAC type1 + 2 SPD - 1 no., Metering: a) Voltmeter (0-500V) - 1 No. b) Voltmeter Selector switch - 1 no. c) LED R/Y/B indicating lamp each 1 No. d) 2A SP 10 kA MCB - 3 no., Outgoing: a) 63A FP 25kA MCCB- 2 No. b) 63A FP 10kA MCB- 1 No. c) 400VAC Type1+2SPD- 1 No. d) 40A FP 10kA MCB - 1 No. e) 40A DP 10kA MCB - 1 No. f) 32A DP 100mA RCBO - 1 No., Sub Incomer: a) 32A DP 100mA RCBO- 3 No. (Each Phase 1 No.) b) 10A DP 10kA MCB - 5 No. (R-3, Y-1, B-1No.) c) 20A DP 10kA MCB- 14 No. (R-3, Y-5, B-6 No.), Terminal Block: a) Outgoing: 35 sqmm terminal block- 4 no. b) Outgoing: 16 sqmm terminal block- 12 no. c) Outgoing: 6 sqmm terminal block- 2 no. d) Outgoing: 4 sqmm terminal block- 38 no. Cable size: a) I/C: 1Rx3.5Cx150 sqmm Al. Ar. Cable (Direct Termination) b) O/G: 1Rx4Cx16 sqmm Cu cable	1.00	job	INR	909999.00	909999.00	909999.00	INR Nine Lakh Nine Thousand Nine Hundred & Ninety Nine Only
85.00	Design, fabrication, assembling, supply, of cubicle type LT panels, free floor standing/wall mounted as per site condition suitable for 415V, 3 phase, 4 wire 50 Hz AC supply system fabricated in compartmentised design from Thermoplastic polycarbonate, IP 65 (EN 60529), solid connection from main busbar to switchgears with require size of aluminium busbar & control wiring with FRLSH insulated copper conductor cable, cable alleys, cable gland plates i/c accessories as per specification and providing switchgears, metering instruments etc. to the panel. (Hensel Panel HEN MI DB - 2277- 2023-2 or equivalent) (approx size: 680x950x247mm) Incomer: a) 63 A FP 10kA MCB- 1 no. Outgoing: a) 10A DP 10kA MCB- 10 No. b) 20A DP 10kA MCB- 18 no. c) 230 VAC Typr 2 SPD- 8 no. Terminal Block: a) Incoming: 16 sqmm Terminal block- 2 No. b) Outgoing: 4sqmm terminal block - 38+8 No. Cable size recommended: a) I/C : 1Rx3.5Cx50 sqmm Ar. Cable (Direct Termination) b) O/G: 1Rx3Cx4 sqmm Cu Cable- 24 No.	1.00	job	INR	169999.00	169999.00	169999.00	INR One Lakh Sixty Nine Thousand Nine Hundred & Ninety Nine Only
86.00	Installation testing and commissioning of item no. 1	1	each	INR	3699.00	3699.00	3699.00	INR Three Thousand Six Hundred & Ninety Nine Only
87.00	Installation testing and commissioning of item no. 2	1	each	INR	2699.00	2699.00	2699.00	INR Two Thousand Six Hundred & Ninety Nine Only
88.00	Earthing with G.I. earth plate 600mm X 600mm X 6mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/coke and salt as required.	2	no.	INR	6499.00	12998.00	12998.00	INR Twelve Thousand Nine Hundred & Ninety Eight Only
89.00	Providing and fixing 25 mm X 5 mm GI strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	40	mtr	INR	619.00	24760.00	24760.00	INR Twenty Four Thousand Seven Hundred & Sixty Only
90.00	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required. Upto 450mm	4	no.	INR	399.00	1596.00	1596.00	INR One Thousand Five Hundred & Ninety Six Only
91.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group C	35	Point	INR	1599.00	55965.00	55965.00	INR Fifty Five Thousand Nine Hundred & Sixty Five Only
92.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire.	200	mtr	INR	299.00	59800.00	59800.00	INR Fifty Nine Thousand Eight Hundred Only
93.00	Wiring for Power Point with 4 sq mm FRLSH PVC insulated copper conductor single core cable in surface/recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 4 sqmm FRLSH PVC insulated copper conductor single core cable etc as required.	50	Point	INR	1499.00	74950.00	74950.00	INR Seventy Four Thousand Nine Hundred & Fifty Only

B
05/02/2024
AUM KEC

Sl No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	RATE (excluding GST) in Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT	TOTAL AMOUNT In Words
94.00	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/MM/V) minimum 6.00, Air delivery minimum 210 Cum/Min, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC, Supply, earthing etc. complete as required.	3	no.	INR	2299.00	6897.00	6897.00	INR Six Thousand Eight Hundred & Ninety Seven Only
95.00	SITC of 1.5 TR inverter split-type air conditioning unit of the following capacity with 5-star BEE-rating conforming to IS : 1391 (Part-2) - 1992 with latest Amendments fitted with scroll/rotary compressor operating on eco- friendly refrigerant suitable for wall mounting for 230 V, 50 Hz single phase AC supply; capable of performing the functions as cooling, dehumidifying, air circulating and filtering, remote control operation for temperature adjustment; complete with compressor, evaporators, air cool condenser (copper), copper piping (Minimum 3 Mtr.) with Nitrile rubber insulation, copper cable as per OEM recommendation (minimum 3 mtr), including suitable heavy duty M.S.Stand for outdoor unit, Standard drain pipe, including all accessories etc. as per technical specification and as per site requirement as per attached approved make list.	6	no.	INR	44449.00	266694.00	266694.00	INR Two Lakh Sixty Six Thousand Six Hundred & Ninety Four Only
96.00	Supply and installation of 4 KVA rating automatic voltage stabilizer suitable for operation on 170V-280V, input single phase, AC power Supply with high/low voltage cut of time delay 2 to 3 min with output voltage of 220V+9% including cable leads conforming to IS-specification etc. as required.	6	no.	INR	3499.00	20994.00	20994.00	INR Twenty Thousand Nine Hundred & Ninety Four Only
97.00	Providing & fixing extra refrigerant copper piping with Nitrile rubber insulation and copper cabling (2.5 sq.mm.) between indoor and outdoor units of split-type AC units (Upto 2 TR) etc. as required.	40	mtr	INR	1299.00	51960.00	51960.00	INR Fifty One Thousand Nine Hundred & Sixty Only
98.00	Providing and fixing of 20mm inner dia CPVC drain pipe for drain water for AC and wastage water of water cooler unit to nearest drain point including CPVC Elbow, CPVC Coupler, Reducer, solvent, clamp, net packing at end etc. as per site requirement.	40	mtr	INR	199.00	7960.00	7960.00	INR Seven Thousand Nine Hundred & Sixty Only
99.00	SITC of Analogue Addressable Multi Criteria Type Smoke Detector	20	no.	INR	5099.00	101980.00	101980.00	INR One Lakh One Thousand Nine Hundred & Eighty Only
100.00	SITC of Response Indicator	6	no.	INR	499.00	2994.00	2994.00	INR Two Thousand Nine Hundred & Ninety Four Only
101.00	SITC of Analogue Addressable Manual Call Point	4	no.	INR	7499.00	29996.00	29996.00	INR Twenty Nine Thousand Nine Hundred & Ninety Six Only
102.00	SITC of Flasher Sounder	4	no.	INR	7499.00	29996.00	29996.00	INR Twenty Nine Thousand Nine Hundred & Ninety Six Only
103.00	SITC of Addressable fire Alarm Control Panel (IP Based)	1	no.	INR	649999.00	649999.00	649999.00	INR Six Lakh Forty Nine Thousand Nine Hundred & Ninety Nine Only
104.00	SITC of Auto Dialer	1	no.	INR	19999.00	19999.00	19999.00	INR Nineteen Thousand Nine Hundred & Ninety Nine Only
105.00	Supply and laying of PVC insulated, PVC sheathed, FRLS armored copper conductor of cable as per IS 1554- Part- I of size 2x1.5 sq. mm.	350	mtr	INR	99.00	34650.00	34650.00	INR Thirty Four Thousand Six Hundred & Fifty Only
106.00	Jointing of 25 mm X 5 mm Copper strip by brazing by suitable rod.	200	joint	INR	79.00	15800.00	15800.00	INR Fifteen Thousand Eight Hundred Only
107.00	Supply & Fixing of synthetic insulation Mat conforming to IS 15652 : 2006, Class - A up to 3.3 KV along with suitable adhesive etc complete as required. (Standard width of 1 Meters)	10	Mtr	INR	779.00	7790.00	7790.00	INR Seven Thousand Seven Hundred & Ninety Only
108.00	Supply and fixing of LED type (200 watt candles-cent bulb light equivalent) integral street light luminaries (IP-66) with pressure die cast aluminium housing and heat resistant toughened glass complete including LED driver suitable for the operation on 230V, 50 Hz AC supply with all accessories complete as required & as specified.	7	no.	INR	5199.00	36393.00	36393.00	INR Thirty Six Thousand Three Hundred & Ninety Three Only
109.00	Supply and fixing of LED type (100 watt candles-cent bulb light equivalent) preferably in IP54/55 enclosures as required suitable for the operation on 230V, 50 Hz AC supply with all accessories complete as required & as specified.	19	no.	INR	2999.00	56981.00	56981.00	INR Fifty Six Thousand Nine Hundred & Eighty One Only
110.00	Supply of portable rechargeable emergency lights of Minimum 10W.	2	no.	INR	1799.00	3598.00	3598.00	INR Three Thousand Five Hundred & Ninety Eight Only
111.00	Supply of 300 mm, 4 blade exhaust fan	4	no.	INR	1799.00	7196.00	7196.00	INR Seven Thousand One Hundred & Ninety Six Only
112.00	Supply and fixing of 5Kg ABC type DCP fire extinguisher.	6	no.	INR	7599.00	45594.00	45594.00	INR Forty Five Thousand Five Hundred & Ninety Four Only
113.00	SITC of digital single phase energy meter	1	no.	INR	3499.00	3499.00	3499.00	INR Three Thousand Four Hundred & Ninety Nine Only
114.00	Supply and fixing of outdoor DP 6A MCB with protected housing of thermoplastic	1	no.	INR	799.00	799.00	799.00	INR Seven Hundred & Ninety Nine Only
115.00	SITC of 6Litre(min.) RO+ UV+MTDS+SS smart water purifier with active copper zinc booster and 7 stage purification.	1	no.	INR	21999.00	21999.00	21999.00	INR Twenty One Thousand Nine Hundred & Ninety Nine Only
116.00	SITC of LED type single dome Aviation Obstruction light	1	no.	INR	2999.00	2999.00	2999.00	INR Two Thousand Nine Hundred & Ninety Nine Only
117.00	SITC of AC Auto cutt off timer for 1.5 TR split AC.	4	no.	INR	1799.00	7196.00	7196.00	INR Seven Thousand One Hundred & Ninety Six Only

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05/02/2024
BMC

Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	RATE (excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT	TOTAL AMOUNT In Words
118.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. <u>2 X 16 sq. mm + 1 X 6 sq. mm earth wire</u>	20	Mtr	INR	829.00	16580.00	16580.00	INR Sixteen Thousand Five Hundred & Eighty Only
119.00	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required (for AC)	6	no.	INR	639.00	3834.00	3834.00	INR Three Thousand Eight Hundred & Thirty Four Only
Total in Figures						10344961.22	10344961.22	INR One Crore Three Lakh Forty Four Thousand Nine Hundred & Sixty One and Paise Twenty Two Only
Quoted Rate in Words								

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Signature Not Verified

Digitally signed by ASHOK CHOUDHARY
Date: 2025.01.24 18:26:31 IST
Location: eProcurement System for Central PSUs

