



भारतीयविमानपत्तनप्राधिकरण
Airports Authority of India

संदर्भ संख्या : भाविप्रा/बेलगावि/अभि-सि/एलएलझड़-फाइल/2020-21/ दिनांक: 07.06.2021
Ref No: AAI/BGM/ENGG(C)/LLZ-Pile /2020-21/517-529

By Speed Post /email

सेवा में,

टंडन इंफ्रास्ट्रक्चर प्राइवेट लिमिटेड / Thandon Infrastructure Pvt. Ltd,
ज़टेक टॉवर्स, 4th फ्लोर / AZTECH Towers, 4th Floor,
अप्पो. सिटी सेंटर, बंजारा हिल्स, / Opp. City Center, Banjara Hills,
रोड नंबर-1, हैदराबाद, / Road No-1, Hyderabad,
तेलंगाना ५००३४ / Telangana-50034.

कार्य का नाम: डेवलपमेंट ऑफ़ बेलगावी एयरपोर्ट. एस एच:कंस्ट्रक्शन ऑफ़ लोकलाइज़र प्लेटफार्म ओवर पाइल फाउंडेशन अंड एक्सटेंशन ऑफ़ डी वि ओ आर बिल्डिंग इन्क्लूडिंग इंटरनल इलेक्ट्रिफिकेशन वर्क यट बेलगावी एयरपोर्ट.

Name of work: Development of Belagavi Airport. S.H.: Construction of Localizer Platform over pile foundation and Extension of DVOR building including internal electrification work at Belagavi Airport.

Ref: Your e-tender (Envelope-II- Financial bid) opened on 12.04.2021 through CPP portal vide Bid invitation No. 2021_AAI_70034_1.

महोदय/ Sir ,

1. Your 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. 1,34,04,228/- (Rupees One Crore Thirty Four lakhs Four thousand Two hundred and Twenty Eight only) which is 18.20% below the estimated cost put to tender of Rs. 1,63,86,073/- (Rupees One Crore Sixty Three lakhs Eighty Six Thousand and Seventy Three only).
2. Asst.GM (Engg-C), AAI, Belagavi Airport, Belagavi-591124 shall be the Engineer-in-charge of the work. You are requested to attend the office of Asst. General Manger (Engg-C), AAI, Belagavi Airport, Belagavi-591124 within 15 days from the stipulated date of start of work to sign and complete the contract agreement. The contract agreement shall be executed on non-judicial stamp paper of value Rs.100/- (Rupees One hundred only) and the cost of the stamp paper shall be borne by you.
3. Please deposit Rs. 13,40,423/- (Rupees Thirteen Lakhs Forty Thousand Four Hundred and Twenty Three Only) towards balance 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 Clause 1A on Page 16 of GCC of the tender document.



भारतीयविमानपत्तनप्राधिकरण
Airports Authority of India

4. You are requested to comply with the Provision of Contract Labour (Regulations and Abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central Rules 1971, Child Labour (Prohibition & regulation) Act, 1986, Construction workers (Regulation of Employment and Conditions of Service) Act 1996, Building and other construction workers welfare cess Act, 1996 as specified in Clause 19 (Pages 50 to 56 of GCC of tender Document) and minimum wages Act, 1948, Employees Provident Fund & Misc. Provisions Act, 1961 and State Insurance (ESI) Act, 1948 as specified in Clause 20 & Clause 20 A (Page No. 56 and 57 of GCC) of tender document and rules there of Central and State Governments.
5. You are also directed to contact Manager (Engg-C), AAI, Belagavi Airport immediately who will arrange to hand over the site to you.
6. Please note that the time allowed for carrying out the work shall be **06 (Six) months** which shall be reckoned from the **10th day** after issue of this letter.
7. This letter shall form part of agreement.
8. Any further correspondence in connection with the contract should normally be addressed to the Engineer-In-charge.
9. 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.

भवदीय/ Yours sincerely,

Encl: i) BOQ (16 pages).

ii) Form no. III (For obtaining Labour License).

A. Balakrishnan 07/06/2021

(अ. बालाकृष्णन/A Balakrishnan)

सहायक महाप्रबंधक(अभि- सि) Asst. G.M. (Engg-C)

भा.वि.प्रा.,बेलगावि विमानपत्तन / AAI, Belagavi Airport

कृते तथा ओर से, अध्यक्ष, भा.वि.प्रा/ For and on behalf of Chairman, AAI



FORM-III

(Under rule 21(2) of the Contract Labour (regulation and Abolition) Centre Rules, 1971 and

Rule 7(3) of the Inter State Migrant, Workmen (Regulation of Employment and Conditions of Services) Centre Rules, 1980)

FORM OF CERTIFICATE BY THE PRINCIPAL EMPLOYER

Certified that

1. I have engaged the applicant, **Thandon Infrastructure Pvt. Ltd, AZTECH Towers, 4th Floor, Opp. City Center, Banjara Hills, Road No-1, Hyderabad, Telangana-50034** as a Contractor in my establishment for the work "**Development of Belagavi Airport. S.H.: Construction of Localizer Platform over pile foundation and Extension of DVOR building including internal electrification work at Belagavi Airport**" to be carried out from 17.06.2021 to 16.12.2021.
2. I undertake to be bound by all the provisions of the contract Labour (Regulation and Abolition) Act, 1970 (37 of 1970) and the Contract Labour (Regulation and Abolition) Central Rules, 1971*/the Inter State Migrant Workmen (Regulation of Employment and condition of Services) Central Rules, 1980* in so as the provisions are applicable to me in respect of the employment of contract labour*/Inter State Migrant workmen* by the applicant in my establishment.
3. The engagement of contract labour in the said work is not prohibited under Sub-Section (1) of Section 10 of the Contract Labour (Regulation and Abolition) Act, 1970 (37 of 1970) or an award or a Settlement.
4. My establishment Registration No. **2/2015-A/H dt. 19.05.2015 under** the Act.

A. Balakrishnan 07/06/2021

Signature of the Principal Employer

Name: A Balakrishnan

Designation: AGM (E-C)

Address of the establishment: AAI, Belagavi Airport

Place: Belagavi Airport

Date:

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Asstt. General Manager (Engg-Civil), AAI, Belagavi Airport, Belagavi-591124

Name of Work: Development of Belagavi Airport.S.H.: Construction of Localizer Platform over pile foundation and Extension of DVOR building including internal electrification work at Belagavi Airport

Contract No: 2021_AAI_70034_1

Name of the Bidder/ Bidding Firm / Company :	THANDON INFRASTRUCTURE PVT LTD					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent 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	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	SUB HEAD-I : CIVIL WORKS					
1.01	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	116.00	cum	680.00	78880.00	INR Seventy Eight Thousand Eight Hundred & Eighty Only
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge: Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	122.00	cum	374.00	45628.00	INR Forty Five Thousand Six Hundred & Twenty Eight Only
3	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by percussion drilling using Direct mud circulation (DMC) or Bailer and chisel technique by tripod and mechanical Winch Machine all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap): 750mm dia. Note: Truck Mounted rotary/TMR/Tubewell boring machine shall not be used.	780.00	M	4680.00	3650400.00	INR Thirty Six Lakh Fifty Thousand Four Hundred Only

AAI bmt
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
4	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): 10 graded stone aggregate 40 mm nominal size).	44.00	cum	5669.00	249436.00	INR Two Lakh Forty Nine Thousand Four Hundred & Thirty Six Only
5	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	52.00	cum	8521.00	443092.00	INR Four Lakh Forty Three Thousand & Ninety Two Only
6	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.	50544.00	Kg	80.00	4043520.00	INR Forty Lakh Forty Three Thousand Five Hundred & Twenty Only
7.01	Centering and shuttering including strutting, propping etc. and removal of form for all heights : a) Foundations, footings, bases of columns, etc. for mass concrete	292.00	Sqm	415.00	121180.00	INR One Lakh Twenty One Thousand One Hundred & Eighty Only
7.02	Centering and shuttering including strutting, propping etc. and removal of form for all heights : b) Lintels, beams, plinth beams, girders, bressumers and cantilevers	20.00	Sqm	415.00	8300.00	INR Eight Thousand Three Hundred Only
7.03	Centering and shuttering including strutting, propping etc. and removal of form for all heights : c) Weather shade, Chajjas, corbels etc., including edges	2.00	Sqm	415.00	830.00	INR Eight Hundred & Thirty Only
7.04	Centering and shuttering including strutting, propping etc. and removal of form for all heights : d) Suspended floors, roofs, landings, balconies and access platform	52.00	Sqm	415.00	21580.00	INR Twenty One Thousand Five Hundred & Eighty Only

A. M. Dine
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
8	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.: Hot finished welded type tubes.	40764.00	Kg	83.00	3383412.00	INR Thirty Three Lakh Eighty Three Thousand Four Hundred & Twelve Only
9	Providing and operating the J.C.B. for levelling, cutting etc. at the operational area including transportation to and from the site of operation fuel charges, driver charges and any other incidental expenses on this account all etc. as directed by EIC (Only working hour will be counted for payment).	50.00	Hour	1170.00	58500.00	INR Fifty Eight Thousand Five Hundred 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.	22.00	Sqm	74.00	1628.00	INR One Thousand Six Hundred & Twenty Eight Only
11	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	1.00	Each	59.00	59.00	INR Fifty Nine Only
12	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	1.00	Cum	351.00	351.00	INR Three Hundred & Fifty One Only
13	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 50 m. All kinds of soil.	28.00	Cum	146.00	4088.00	INR Four Thousand & Eighty Eight Only
14	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)	12.00	Cum	5161.00	61932.00	INR Sixty One Thousand Nine Hundred & Thirty Two Only

Asst Engineer
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
15	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.	18.00	Cum	156.00	2808.00	INR Two Thousand Eight Hundred & Eight Only
16	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	2.00	Cum	7886.00	15772.00	INR Fifteen Thousand Seven Hundred & Seventy Two Only
17	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 (zone-III): 3 graded stone aggregate 20 mm nominal size)	1.00	Cum	9559.00	9559.00	INR Nine Thousand Five Hundred & Fifty Nine Only
18	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 above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	5.00	Cum	8600.00	43000.00	INR Forty Three Thousand Only
19	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.	465.00	Kg	78.00	36270.00	INR Thirty Six Thousand Two Hundred & Seventy Only
20	Providing and laying fly ash cement brick (compressive strength not less than 50Kg/sqcm) in foundation and plinth as per specification and direction of engineer in charge: Cement mortar 1:6 (1 cement : 6 coarse sand)	5.00	Cum	5382.00	26910.00	INR Twenty Six Thousand Nine Hundred & Ten Only
21	Providing and laying fly ash cement brick (compressive strength not less than 50Kg/sqcm) in superstructure above plinth level up to floor five level all as per specification and direction of engineer in charge: Cement mortar 1:6 (1 cement : 6 coarse sand)	10.00	Cum	7523.00	75230.00	INR Seventy Five Thousand Two Hundred & Thirty Only
22	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	66.00	Sqm	277.00	18282.00	INR Eighteen Thousand Two Hundred & Eighty Two Only

A. B. Bink
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
23	15 mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement: 6 coarse sand)	54.00	Sqm	277.00	14958.00	INR Fourteen Thousand Nine Hundred & Fifty Eight Only
24	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	48.00	Sqm	235.00	11280.00	INR Eleven Thousand Two Hundred & Eighty Only
25	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	84.00	Sqm	16.00	1344.00	INR One Thousand Three Hundred & Forty Four Only
26	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	142.00	Sqm	44.00	6248.00	INR Six Thousand Two Hundred & Forty Eight Only
27	Finishing walls with Asian Paints-Smart care damp proof or equivalent : New work (Two or more coat applied @ 4.30 ltr/10 sqm)	142.00	Sqm	133.00	18886.00	INR Eighteen Thousand Eight Hundred & Eighty Six Only
28	Finishing walls with Acrylic Smooth exterior paint of required shade : Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	142.00	Sqm	102.00	14484.00	INR Fourteen Thousand Four Hundred & Eighty Four Only
29	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	54.00	Sqm	257.00	13878.00	INR Thirteen Thousand Eight Hundred & Seventy Eight Only
30	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	1036.00	Sqm	47.00	48692.00	INR Forty Eight Thousand Six Hundred & Ninety Two Only

A. M. G. S.
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
31	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 @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	14.00	Sqm	1054.00	14756.00	INR Fourteen Thousand Seven Hundred & Fifty Six Only
32	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)	22.00	Kg	234.00	5148.00	INR Five Thousand One Hundred & Forty Eight Only

A. P. S. Dhill
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
33	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	234.00	7020.00	INR Seven Thousand & Twenty Only
34	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	4.00	Kg	234.00	936.00	INR Nine Hundred & Thirty Six Only
35	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)	2.00	Sqm	566.00	1132.00	INR One Thousand One Hundred & Thirty Two Only

A. K. Singh
07/06/2024

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
36	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides	2.00	Sqm	503.00	1006.00	INR One Thousand & Six Only
37	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	2.00	Each	468.00	936.00	INR Nine Hundred & Thirty Six Only
38	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	2.00	Each	702.00	1404.00	INR One Thousand Four Hundred & Four Only
39	Filling the gap in between aluminium frame & adjacent RCC/ Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width	16.00	Mtr	336.00	5376.00	INR Five Thousand Three Hundred & Seventy Six Only
40	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	2.00	Each	1287.00	2574.00	INR Two Thousand Five Hundred & Seventy Four Only
40.1	SUB HEAD-II : ELECTRICAL WORKS					

A. M. K. Kulkarni
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
41	Design, Fabrication, supply, installation, testing and commissioning of Indoor type electrical panel (Sub feeder Pillar), weather proof, vermin proof of suitable size, cubicle type, made out of 2 mm thick CRCA sheet steel, totally enclosed double door type IP-55 rated panel mounted on M.S. angle iron stand of suitable height, compartmentalised, suitable for operation on 3 phase and neutral, 415V, 50 Hz AC system with bus bars, wiring, interconnections, locking arrangements, terminal block for termination of cables with bottom entry, making connections and interconnections including supply and installation of following accessories as per technical Specification & drawings as approved by the Engineer In-Charge. (a) Incoming - FP 125Amps, 25 KA MCCB with spreader links suitable for termination of 3.5x35 sqmm aluminium armoured cable --- 02 no with interlocking facility. (b) Suitable Busbar - 01 set. (d) Outgoing - FP 40 Amps MCB, C series -02nos. (e) Outgoing - FP 63 Amps MCB, C series -02nos. (f) Volt meter & Ammeter - 01 set each (g) RYB, LED type Indication Lamps - 01 set	1.00	Each	175500.00	175500.00	INR One Lakh Seventy Five Thousand Five Hundred Only
42	Supply of following size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Aluminium conductor cable conforming to IS 7098 (Part 1) amended upto date. 3.5Cx 35 Sq.mm	50.00	Meters	181.00	9050.00	INR Nine Thousand & Fifty Only
43	Supply of following size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Aluminium conductor cable conforming to IS 7098 (Part 1) amended upto date. 4Cx 10 Sq.mm	10.00	Meters	102.00	1020.00	INR One Thousand & Twenty Only
44	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required. Upto 35 sq. mm	50.00	Meters	59.00	2950.00	INR Two Thousand Nine Hundred & Fifty Only
45	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Upto 35 sq. mm	10.00	Meters	59.00	590.00	INR Five Hundred & Ninety Only

A. K. B. M. 07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
46	Supplying and making end termination with brass double compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3½ X 35 sq. mm (32mm)	4.00	Meters	585.00	2340.00	INR Two Thousand Three Hundred & Forty Only
47	Supplying and making end termination with brass double compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 4 X 10 sq. mm (25mm)	2.00	Each	878.00	1756.00	INR One Thousand Seven Hundred & Fifty Six Only
48	Supplying and laying of following size HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete 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. 63 mm dia (OD-63 mm & ID-51 mm nominal)	50.00	Meters	105.00	5250.00	INR Five Thousand Two Hundred & Fifty Only
49	Supplying and fixing following way, horizontal type three pole and neutral, sheetsteel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 4 way (4 + 12), Double door	1.00	Each	5265.00	5265.00	INR Five Thousand Two Hundred & Sixty Five Only
50	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 A	1.00	Each	5265.00	5265.00	INR Five Thousand Two Hundred & Sixty Five Only
51	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	4.00	Each	410.00	1640.00	INR One Thousand Six Hundred & Forty Only

A. M. bin
07/05/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
52	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Double pole	2.00	Each	644.00	1288.00	INR One Thousand Two Hundred & Eighty Eight Only
53	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 A	2.00	Each	878.00	1756.00	INR One Thousand Seven Hundred & Fifty Six Only
54	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	4.00	Each	176.00	704.00	INR Seven Hundred & Four Only
55	Supplying and fixing FP sheet steel enclosure on surface/ recess with connections as required.	2.00	Each	644.00	1288.00	INR One Thousand Two Hundred & Eighty Eight Only
56	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 medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group C	6.00	Meters	41.00	246.00	INR Two Hundred & Forty Six Only
57	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	10.00	Meters	53.00	530.00	INR Five Hundred & Thirty Only
58	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 4 sq. mm + 1 X 4 sq. mm earth wire	10.00	Meters	70.00	700.00	INR Seven Hundred Only

A. K. Bhat
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
59	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. 4 X 6 sq. mm + 2 X 6 sq. mm earth wire	14.00	Meters	117.00	1638.00	INR One Thousand Six Hundred & Thirty Eight Only
60	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socketoutlet and 5/6 amps modular switch, connection etc. as required.	2.00	Each	176.00	352.00	INR Three Hundred & Fifty Two Only
61	Supplying and fixing suitable size GI box with modular plate and cover in Front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch with indicator, connection etc. as required.	2.00	Each	293.00	586.00	INR Five Hundred & Eighty Six Only
62	Supply with all accessories of 1x20 W LED tube light fitting, surface mounted Luminary complete with 1 No. LED tube etc complete as required	3.00	Each	878.00	2634.00	INR Two Thousand Six Hundred & Thirty Four Only
63	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	3.00	Each	585.00	1755.00	INR One Thousand Seven Hundred & Fifty Five Only
64	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	1.00	Each	585.00	585.00	INR Five Hundred & Eighty Five Only
65	Supply of following sizes of 1200 mm sweep. ceiling fan, with double ball bearing, Aluminium pressure die cast body with Aluminium blades, canopies, hanging shackle, 30 cm down rod and without speed regulator suitable for 240V 50 HZ, AC supply confirms to IS 374/1979 as required complete.	1.00	Each	4095.00	4095.00	INR Four Thousand & Ninety Five Only
66	Installation of 250 mm sweep exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	1.00	Each	585.00	585.00	INR Five Hundred & Eighty Five Only

A. M. bin
07/06/2023

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
67	Supply of 250 mm sweep, 1400 rpm exhaust fan in plastic body with self opening louvers working on 230 V AC supply complete with all accessories as required	1.00	Each	1755.00	1755.00	INR One Thousand Seven Hundred & Fifty Five Only
68	Earthing with copper earth plate 600 mm X 600 mm X 3 mm 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.	1.00	Each	35100.00	35100.00	INR Thirty Five Thousand One Hundred Only
69	Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 20 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	40.00	Meters	527.00	21080.00	INR Twenty One Thousand & Eighty Only
70	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	20.00	Meters	410.00	8200.00	INR Eight Thousand Two Hundred Only
71	Supply, installation, testing and commissioning of sounder with strobe complete for both audio and visual indication with all fixing accessories, etc. under false ceiling, roof, wall, etc, along with an addressable control module. The product must be UL listed and meeting technical specification.	1.00	Each	5850.00	5850.00	INR Five Thousand Eight Hundred & Fifty Only
72	Supply and making suitable terminations of approved make 2C x 1.5sq.mm PVC insulated copper armored FRLSZH cable as per IS 1554, Part 1 for connecting the various field devices to the fire alarm panels.	50.00	Meter	146.00	7300.00	INR Seven Thousand Three Hundred Only
73	Supply, installation, testing and commissioning of Analogue Addressable type Multi sense detector (photoelectric and fixed temperature type) complete with all accessories like standard base, junction box etc. to be installed under/above false ceiling, roof and concealed space, etc. interconnecting to loop cable complete as required. The detector shall be with Visible color LED and shall blink every time the detector is addressed and illuminate steady on alarm. The product must be UL listed and meeting technical specification.	3.00	Each	4095.00	12285.00	INR Twelve Thousand Two Hundred & Eighty Five Only

A. Bal
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
74	Supply, installation, testing and commissioning of manual call point complete with all accessories etc as required.	1.00	Each	3510.00	3510.00	INR Three Thousand Five Hundred & Ten Only
75	Supply, installation, testing and commissioning 5Kg Modular Halotron (Clean Agent) Type Fire Extinguisher. pressurized with Argon gas at 15 bar. Design, construction and testing as per IS 15683 with Fire rating 1A 21B, Body Hydrotested at 35 bar, Operating temperature -30°C to +55°C, external epoxy powder coating with PO Red Shade No. 538 of IS 5, Supplied with standard accessories.	1.00	Each	35100.00	35100.00	INR Thirty Five Thousand One Hundred Only
76	Installation, testing and commissioning of system for the extended portion in the existing Fire Alarm Detection system(Existing Fire Alarm Panel-Morley fire system-Connexion(by honeywell))	1.00	Job	5850.00	5850.00	INR Five Thousand Eight Hundred & Fifty Only

A. M. G. mil
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
77	Supply Installation testing and commissioning (SITC) of 1.5TR aircooled ductable split air conditioner of suitable static pressure as required along mounted outside on a pole mounted structure with suitable capacity drive motor, IDU SS drain pan and Outdoor Ductable Unit (ODU) with air cooled condenser with all accessories including fixing of both ODU and IDU with fully copper coils of suitable size with hydrophilic coating, providing copper piping inter connection with 19mm thick round closed cell elastomeric nitrile rubber class 'o' insulation etc as per OEM recommendation, hermetically sealed scroll compressor having R32 as refrigerant ,all standard fittings complete with electronic microprocessor pendant controller with digital display, first charge refrigerant gas, vibration isolator pads, structural supports for fixing IDU/ ODU safety devices including thermal protector, pressure relief valve, over load relays single phase preventor etc, power wiring, control cabling(indoor to outdoor),thermostat wiring, high-low pressure cut out with minimum 3 star BEE rating.Indoor unit shall be placed by fixing 4" angle frame at a height as per site requirement above ground level outside building duly placed in an enclosed boxing of thermal 13mm thick insulation at inside and outside of the box on GI coated sheet panels with access door for split unit ,making return air boxing, openable at all sides, with necessary angles, sealant etc.- for an ambient temperature of 35 degree celsius and Outdoor unit shall be placed on PCC platform. IDU unit mounting structure shall be placed on GI/MS pipe poles as per site requirement.	2.00	Each	175500.00	351000.00	INR Three Lakh Fifty One Thousand Only
78	Supply and fixing of 3/8" copper tubing with insulation between the indoor and outdoor units.	20.00	Mtr	1170.00	23400.00	INR Twenty Three Thousand Four Hundred Only
79	Supply and fixing of 1/2" copper tubing with insulation between the indoor and outdoor units.	20.00	Mtr	1150.00	23000.00	INR Twenty Three Thousand Only

A. M. Birla
07/06/2021

Sl. No.	Item Description	Quantity	Units	BASIC RATE (EXCL. GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
80	SITC of 0.63 MM (24 Gauge) G.I. ducting along with transverse duct flanges, supports, splitter dampers, vanes neoprene gaskets etc. complete in all respects duly insulated 13 mm thick nitrile rubber thermal insulation for supply / return air duct connecting indoor unit to air terminal devices as required.	20.00	Sqm	2300.00	46000.00	INR Forty Six Thousand Only
81	Supply and installation of supply/return air grilles of extruded aluminium duly powder coated with suitable aluminium volume control damper etc. complete in all respects as required	1.00	Sqm	17250.00	17250.00	INR Seventeen Thousand Two Hundred & Fifty Only
82	SITC of automatic change over with timer adjustable from 0 to 24 hrs for 2 nos of 1.5 TR split AC units as required.	1.00	Nos	7475.00	7475.00	INR Seven Thousand Four Hundred & Seventy Five Only
Total in Figures					13404228.00	INR One Crore Thirty Four Lakh Four Thousand Two Hundred & Twenty
Quoted Rate in Words		INR One Crore Thirty Four Lakh Four Thousand Two Hundred & Twenty Eight Only				

P. M. L. G. L.
07/06/2021