

By E-mail

F.No. AAI/BLY/Engg. (C)/2023/Watchtowers/ 67

Date: 08.08.2023

सेवा में,

M/s. MUKESH KUMAR VERMA
RZF 907/06, RAJ NAGAR - II,
PALAM COLONY,
NEW DELHI - 110077

मैसर्स मुकेश कुमार वर्मा
आर. जेड. एफ., 907/06, राजनगर - II,
पालम कॉलोनी,
नई दिल्ली - 110077

Subject: Construction of 02 nos. watch towers at Bareilly Airport.

संदर्भ: आपकी ई.-निविदा आई.डी 2023_AAI_157285_1 जो दिनांक 24.07.2023 को खोली गई।

Ref: Your E- Tender ID- 2023_AAI_157285_1 Opened on Dated: 24.07.2023.

प्रिय महोदय,

Dear sir,

- 1) आपके उपरोक्त कार्य की.रू० 20,30,758/- (जीएसटी रहित) (रू० बीस लाख तीस हजार सात सौ अठ्ठावन मात्र) की मद दर से ई-निविदा जो कि उक्त कार्य की अनुमानित लागत रू० 18,50,310/- (जीएसटी रहित) (रू० अठ्ठावह लाख पचास हजार तीन सौ दस मात्र) से 9.75% अधिक है, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है।

Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totalling to **Rs. 20,30,758/- (excluding GST) (Rupees twenty lakh thirty thousand seven hundred fifty-eight only)** which is 9.75% above the estimated cost put to tender of **Rs. 18,50,310.00 (excluding GST) (Rupees eighteen lakh fifty thousand three hundred ten only).**

- 2) सहायक महाप्रबंधक (अभि-सिविल), भा०वि०प्रा०, सिविल एन्क्लेव, बरेली इस कार्य के कार्य प्रभारी अभियन्ता होंगे। आपसे अनुरोध है कि दिनांक: 31.08.2023 तक सहायक महाप्रबंधक, (अभि-सिविल) भा०वि०प्रा०, सिविल एन्क्लेव, बरेली एयरपोर्ट के कार्यालय में उपस्थित होकर ठेका संविदा को हस्ताक्षरित कर पूर्ण करें। ठेका रू 100/- (रूपये एक सौ मात्र) के न्यायिकोत्तर मुद्रांक पत्र पर सम्पादित किया जाएगा एवं मुद्रांक पत्र की कीमत आपके द्वारा वहन की जाएगी।

Asst. General Manager (Engg.Civil), AAI, Civil Enclave, Bareilly shall be the Engineer-in-charge of this work. You are requested to attend the office of Asst. General Manager (Engg.Civil), AAI, Civil Enclave, Bareilly by dated: 31.08.2023 to sign and complete the contract agreement. The contract agreement shall be executed on a 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) आपसे अनुरोध है कि संविदा मूल्य के 10% की दर से सुरक्षा जमा राशि जमा करें जो कि किसी भी अनुसूचित बैंक की बैंक गारंटी के रूप में हो सकता है लेकिन सहकारी या ग्रामीण बैंक नहीं हो। यदि आप जमानत राशि जमा करने में विफल रहते हैं, तो इसे प्रत्येक आर.ए. बिल से उक्त आर.ए. बिल राशि के 10% की दर से सुरक्षा जमा की पूरी राशि की वसूली तक परिस्थितियों के अनुसार एवं प्रभारी अभियन्ता से निकासी प्रमाण पत्र प्रदान करने उपरांत अंतिम बिल में समायोजित/निपटान करने के लिए वसूल किया जाएगा।

You are requested to deposit the security deposit @ 10% of the contract value which can be in the form of bank guarantee of any scheduled bank but not Co-Operative or Gramin Bank. If you fail to deposit security deposit, the same shall be recovered from each RA bill @ 10% of the said RA bill amount till realization of full amount of security deposit, to be adjusted/settled in the final bill as per the circumstances and on providing clearance certificate from Engineer-in-charge.

- 4) आपसे अनुरोध है कि 1970 के अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, भवन और अन्य निर्माण श्रमिकों (रोजगार का विनियमन) के प्रावधानों का अनुपालन करें। सेवा की शर्तें अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996, न्यूनतम मजदूरी अधिनियम 1948, ईपीएफ अधिनियम -1952, ईएसआई अधिनियम -1948, और केंद्र और राज्य सरकार के अन्य नियम।

You are requested to comply with the provision of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central Rules 1971, Child Labour (Prohibition & Regulation) Act 1986, Building and other Construction Workers (Regulation of Employment of Conditions of Service) Act 1996, Building and other Construction Workers Welfare Cess Act 1996,

08/8/23

Minimum Wages Act 1948, EPF Act-1952, ESI Act-1948, and other rules there of central and state Government.

- 5) ठेकेदार नियमित तथा प्रभावी पर्यवेक्षण को सुनिश्चित करेगा और उनके द्वारा तैनात किये गये कार्मिक पर नियंत्रण एवं ठेके के दायित्वों को पूरा करने के लिए उपयुक्त निर्देश देगा।

The contractor shall ensure regular and effective supervision and control of the personnel deployed by him and gives suitable direction for undertaking the contractual obligations.

- 6) आपको निर्देशित किया जाता है कि तुरन्त प्रभाव से सहायक महाप्रबन्धक (इंजी-सिविल) सिविल एन्क्लेव, बरेली को संपर्क करें जो कि आपको कार्यस्थल सौंपने की व्यवस्था करेंगे।

You are also directed to contact Asstt Manager (Engg- Civil), Civil Enclave, Bareilly immediately who will arrange to hand over the site to you.

- 7) कार्य करने का निर्धारित समय **04 माह** है, जो कि इस पत्र के निर्गत होने की तिथि के **दसवें दिन** से माना जाएगा।

Please note that time allowed for carrying out the work shall be **04 Months** and same shall be reckoned from the **10th day** from the date of issue of this letter.

- 8) संविदा के संदर्भ में सामान्यतः कोई भी पत्राचार कार्य प्रभारी अभियन्ता को सम्बोधित करते हुए किया जाना चाहिए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in charge.

- 9) नागरिक उड्डयन सुरक्षा ब्यूरो (बीसीएस) के निर्देशानुसार एयरोड्रोम एंट्री परमिट (एईपी) जारी करने के लिए संबंधित एजेंसी के ई-सहज पोर्टल से सुरक्षा मंजूरी और बीसीएस द्वारा अनुमोदित सुरक्षा कार्यक्रम अनिवार्य है। अतः आपको निर्देशित किया जाता है कि उपरोक्त कार्य के लिए प्रतिनियुक्त कैजुअल लेबर, प्रोपराइटर, इंजीनियर्स का सुरक्षा क्लीयरेंस एवं पुलिस वेरीफिकेशन प्राप्त करें।

Security Clearance from the e-Sahaj portal of the concerned agency and security programme approved by BCAS is mandatory for issuance of Aerodrome Entry Permit (AEP) as per the instruction of Civil Aviation Security Bureau (BCAS). Hence, you are directed to get security clearance and Police Verificaiton of Casual Labours, Proprietor, Engineers deputed for the above-mentioned work.

- 10) ठेके की त्रुटि दायित्व अवधि **बारह महीने** है जो कि कार्य समाप्ति की तिथि से गिना जाएगा।

The defect liability period of the contract is **Twelve Months** which shall be reckoned from the actual date of completion of work.

- 11) कृपया प्राप्ति की पावती भेजें एवं पत्र कि अनुलिपि जो कि संलग्न है को हस्ताक्षरित कर अधोहस्ताक्षरी को स्वीकृत चिन्ह के रूप में 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.

नोट: यदि हिंदी और अंग्रेजी संस्करण में कोई विसंगति पाई जाती है, तो अंग्रेजी संस्करण का पालन किया जाएगा।

Note: If any discrepancy is observed in Hindi and English version, then English version will be followed.

भवदीय,
Yours faithfully,


(अवधेश अग्रवाल)

(Avdesh Aggarwal)

सहायक महाप्रबन्धक (इंजी-सिविल)

Asst. General Manager (Engg. -Civil)

भा०वि०प्रा०, सिविल एन्क्लेव, बरेली

AAI, Civil Enclave, Bareilly

अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण के लिए व उनकी तरफ से

For & on behalf of the Chairman

भारतीय विमानपत्तन प्राधिकरण

Airports Authority of India

Encl: Schedule of Quantities (SOQ)

सिविल एन्क्लेव, बरेली, पीलीभीत रोड, मुडिया अहमद नगर (मयूर वन चेतना केन्द्र के पास), बरेली, उत्तर प्रदेश -243122

Civil Enclave, Bareilly, Pilibhit Road, Mudiya Ahmed Nagar (Near Mayur Van Chetna Kendra), Bareilly, Uttar Pradesh -243122

Schedule of Quantities

Name of work: Construction of 2 nos. watch towers at Bareilly Airport.

S. No.	Description	Unit	Qty
1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in-Charge: All kinds of soil.	Sqm	60.00
2	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.	Cum	14.00
3	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.	Cum	14.00
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)	Cum	62.00
5	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)	Cum	6.00
6	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	3.00
7	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)	Cum	10.00
8	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for mass concrete	Sqm	16.00
9	Centering and shuttering including strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	Sqm	46.00
10	Centering and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	35.00
11	Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	43.00
12	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.	Kg	655.00
13	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	Kg	1518.00

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14	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	6.00
15	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.	Kg	282.00
16	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	Each	3.00
17	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	Each	3.00
18	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	Each	6.00
19	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	Each	3.00
20	Providing and fixing factory made shutters of Pre-laminated particle board flat pressed three layer or graded wood particle board with one side decorative finish and other side balancing lamination conforming to IS: 12823 Grade I Type II, of approved design, and edges sealed with water resistant paint and lipped with aluminium 'U' type edge beading allround the shutter, including fixing with angle cleat, grip strip, cadmium plated steel screws, including fixing of aluminium hinges 100x63x4 mm etc. complete as per architectural drawing and direction of Engineer-in- Charge (Cost of 'U' beading and hinges will be paid for separately). 25 mm thick	Sqm	6.00
21	Providing and fixing aluminum U beading of required size to Pre-laminated/ flush door shutter, including fixing etc. complete as per direction of Engineer-in-charge.	Kg	10.00
22	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.	Kg	490.00
23	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	Kg	222.00
24	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	975.00
25	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes	kg	176.00
26	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	Sqm	25.00
27	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement. 18 mm thick	Sqm	5.00

28	Providing and fixing glass strips in joints of terrazo/ cement concrete floors. 40 mm wide and 4 mm thick.	Mtr	20.00
29	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i)Single socketed pipes. 75 mm diameter	Mtr	5.00
30	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. Shoe(Plain) 75 mm Shoe	Each	2.00
31	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	Each	2.00
32	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	36.00
33	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Ridges plain (500 - 600mm)	Mtr	7.00
34	Providing & fixing false ceiling at all height including providing & fixing of framework made of special section, power pressed from M.S. sheets and galvanised with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleat of size 25mm wide x 1.6mm thick with flanges of 27mm and 37mm, at 1200mm c/c, one flange fixed to the ceiling with dash fastener 12.5mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25 x10 x0.50mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I channels 45 x15 x 0.90mm running at the spacing of 1200 mm c/c, to which the ceiling section 0.5mm thick bottom wedge of 80mm with tapered flanges of 26 mm each having lips of 10.5mm, at 450mm c/c, shall be fixed in a direction perpendicular to G.I intermediate channel with connecting clip made out of 2.64mm dia x 230mm long G.I wire at every junction, including fixing perimeter channels 0.50mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/ partitions with the help of Rawl plugs at 450mm centre, with 25mm long dry wall screws @ 230mm interval, including fixing of Calcium Silicate Board to ceiling section and perimeter channels with the help of dry wall screws of size 3.5 x25mm at 230mm c/c, including jointing & finishing to a flush finish of tapered and square edges of the board with recommended jointing compounds, jointing tapes,finishing with jointing compounds in three layers covering up to 150mm on both sides of joints and two coats of primer suitable for boards, all as per manufacture's specification and also including the cost of making opening for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitably fixed, all complete as per drawings, specifcation and direction of the Engineer in charge but excluding the cost of painting with: 8 mm thick Calcium Silicate Board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process.	Sqm	7.00
35	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	Sqm	31.00

36	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand).	Sqm	43.00
37	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	Sqm	113.00
38	Distempering 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.	Sqm	31.00
39	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sqm	156.00
40	Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	Sqm	12.00
41	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	Sqm	63.00
42	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	Sqm	60.00
43	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)	Kg	339.00
44	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)	Kg	254.00
45	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)	Sqm	20.00
46	Supply of 2CX10Sqm size of 1.1 KV grade, ARMoured, XLPE insulated PVC sheathed Aluminium conductor cable confirming to IS: 7098 part -I amended upto date.	Meter	400.00

Just Say
08/08/20

47	Supply of 10 W LED 6500 K Wall mounted batten extruded aluminium heat sink provided for efficient heat dissipation & integrated electronic driver complete with all necessary accessories & lamp as required. (Havells, Code no. LheXACP7in1W010 or equivalent)	Each	8.00
48	Supply of 10 W LED, IP 65 bulk head luminaire with couple diffuser complete with all necessary accessories & lamp as required. (Havells, Code no. HEXAFT10WLED857SSYMBOPC or equivalent)	Each	8.00
49	Supplying of 400mm sweep wall mounted fan having not less than 2000 RPM, with speed regulator suitable for operation at 230Volts 50Hz AC supply etc complete as required. (Make Havells Platina HS or equivalent).	Each	4.00
50	Supply of 32 mm (OD), PN-6, PE 80 size ISI marked, HDPE pipe confirming to IS-4984-1995 with up to date amendments, etc. complete as required.	Mtr.	400.00
51	Laying of following size 32 mm (OD) HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. 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	Mtr.	400.00
52	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of size upto 35 Sq. mm, in the existing RCC/ HUME/ HDPE/METAL pipe as required.	Mtr.	400.00
53	Supplying and fixing 6 way (2 + 4 way), double door, single pole and neutral, sheet steel, MCB distribution board, 240 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).	Each	4.00
54	Supplying and fixing 25 amps rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.	Each	4.00
55	Supplying and fixing 5 amps to 32 amps rating, 240 /415 volts, "C" curve, miniature circuit breaker suitable for inductive load of single poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	Each	12.00
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 MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. (Group -A).	Point	16.00
57	Supplying and fixing 5/6 amps piano type switch on the existing switch box/ cover including connections etc. as required.	Each	4.00
58	Supplying and fixing 3 pin 5/6 amps piano type socket outlet on the existing switch box/ cover including connections etc. as required.	Each	4.00
59	Supplying and fixing metal box of 180mm x 100mm x 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch connection, painting etc. as required.	Each	4.00
60	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.	Mtr.	32.00

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02/08/20