



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA



संदर्भ सं.: भाविप्रा/पुणे/अभि(सि)/सिडब्ल्यूई-बिएसओ/2023-24/05

दिनांक : 25.08.2023

सेवा में
मेसर्स देवेन्द्र के. शर्मा अँड असोसिएट्स,
3/6012, देव नगर, करोल बाग,
नई दिल्ली - 110005,

To,
M/s. Devendra K Sharma and
Associates,
3/6012, Dev Nagar, Karol Bagh,
New Delhi -110005

कार्य का नाम: Misc. Civil works on New land for BSO Yard and CWE office at Pune Airport. SH: Relocation of BSO yard sheds and CWE office complex at Pathan Baba Dargah on Lohegaon Road, IAF, Pune.

संदर्भ/Ref.: 1) आपका Tender ID No. 2023_AAI_157714_1 दिनांक 31.07.2023 को खोला गया।

Your Tender ID No. 2023_AAI_157714_1 Opened on 31.07.2023.

महोदय/ Dear Sir,

- ऊपर उल्लेखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गए मद मूल्यों पर आपकी टेंडर राशि कुल रु. 19,06,07,423.86/- (रु. उन्नीस करोड़ छह लाख सात हजार चार सौ तेईस और छियासी पैसा मात्र) है जो कि टेंडर की अनुमानित लागत राशि रु. 24,57,80,000/- से 22.45% नीचे है।
1. 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 totaling to **Rs. 19,06,07,423.86/-** (Rupees Nineteen crore six lakh seven thousand four hundred twenty-three and eighty-six paise only) which is **22.45%** below the Estimated cost put to tender of **Rs. 24,57,80,000/-**.
2. संयुक्त महाप्रबंधक अभि (सि), भा वि प्रा, पुणे विमान क्षेत्र, कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप दिनांक 04.09.2023 तक संयुक्त महाप्रबंधक अभि (सि), पुणे एयरपोर्ट के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा रु. 100/- नानज्यूडिसियल स्टम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा उठाया जायगा।
2. Jt. Gen. Manager (Engg-Civil), AAI, Pune Airport shall be the Engineer-In-Charge of the work. You are requested to attend the office of the Jt. Gen. Manager (Engg-Civil), AAI, Pune Airport by **04.09.2023** to sign and complete

महाप्रबंधक(अभि-परि) कार्यालय
पुणे विमानतल, पुणे-411032
दूरध्वनी: (020)-26687271
ई-मेल: gmenggpripune@aai.aero

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O/o General Manager(Engg-Proj.)
Pune Airport, Pune-411032
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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. आपकी निविदा के साथ प्राप्त बयाना राशि रु. 49,15,600/- (उनचास लाख पन्द्रह हजार छः सौ रुपये मात्र) को अनुबंध दस्तावेज़ के पेज नं. जीसीसी 18, खंड 1ए के अनुसार सुरक्षा जमा के भाग के रूप में माना एवं परिवर्तित किया जायेगा। कृपया इस पत्र के जारी होने की तिथी से 10 दिनों के भीतर जमानत राशि के रूप में रु. **46,14,771/-** (रुपए छियालीस लाख चौदह हजार सात सौ इकहतर मात्र) जमा करें अन्यथा इसकी कटौती निविदा दस्तावेज़ की खंड 1ए, पृष्ठ जीसीसी 18 के अनुसार की जाएगी।

3. The earnest money amount of **Rs. 49,15,600/-** (Rupees Forty Nine lakh Fifteen thousand and six hundred) received along with your tender will be treated and converted as part of security deposit as per clause no. 1A on page no. GCC 18 of contract document. Please deposit **Rs. 46,14,771/-** (Rupees Forty six lakhs Fourteen thousand seven hundred seventy one only) towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per conditions of clause no. 1A at page GCC 18 of contract document.

4. स्वीकृति पत्र जारी होने के 30 दिनों के भीतर, आपको पृष्ठ जीसीसी 17 पर खंड 1 की शर्तों के अनुसार रु. 57,18,223/- (सत्तावन लाख अठारह हजार दो सौ तेईस रुपये मात्र) की एक परफॉर्मंस गारंटी, अनुबंध दस्तावेज़ के जीसीसी 122 पर अनुलग्नक XI में संलग्न प्रोफार्मा के अनुसार बैंक गारंटी के रूप में भा.वि.प्रा. को जमा करनी होगी।

4. Within 30 days of issue of acceptance letter, you shall submit to AAI, a performance guarantee as per conditions of clause 1 on page GCC 17 for an amount of **Rs. 57,18,223/-** (Rupees Fifty seven lakh eighteen thousand two hundred twenty three only) in the form of Bank Guarantee on the proforma appended at Annexure XI on GCC 122 of contract document.

5. आपसे अनुरोध है कि संविदा श्रम (विनियमन एवं उन्मूलन) अधिनियम 1970 एवं संविदा श्रम (विनियमन एवं उन्मूलन) केंद्रीय नियम 1971 बाल श्रम (निषेध एवं विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार का विनियमन एवं सेवा शर्त) अधिनियम 1196, भवन और

अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 जैसा कि निविदा के पृष्ठ जीसीसी 59 पर खंड 19 में निर्दिष्ट है और केंद्र और राज्य सरकारों के नियमों का अनुपालन करें।

5. You are requested to comply with the provisions of contract labour (Regulation and abolition) Act 1970 and Contract Labour (Regulation & abolition) Central rules 1971 Child labour (Prohibition & Regulation) Act 1986, construction workers (Regulation of employment and condition of service) Act 1196, building and other construction workers welfare cess act 1996 as specified in clause 19 on page GCC 59 of tender and rules of Central and State Governments.
6. आपको निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (अभि-सिविल), भाविप्रा, पुणे विमानक्षेत्र से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे।
6. You are also directed to contact AGM (Engg-Civil), AAI, Pune Airport, immediately who will arrange to hand over the site to you.
7. कृपया नोट कर लें कि काम पूर्ण करने का दो सौ सत्तर (270) दिन है जोकि इस कार्यादेश के जारी करने के बाद दसवे दिन से गिना जायगा।
7. Please note that the time allowed for carrying out the work shall be two hundred seventy (270) days, and same shall be reckoned from the 10th day after issue of this letter.
8. इस ठेके के संबंध में आगे का कोई भी पत्राचार इंजीनियर-इन-चार्ज के पते पर किया जाए।
8. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
9. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।
9. All the letters referred above shall form part of contract.
10. कृपया पावती भेजें और साथ में संलग्न की गयी इस पत्र की प्रति स्वीकृति का प्रतीक के रूप में हस्ताक्षर कर वापस दें।
10. 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.

महाप्रबंधक(अभि-परि) कार्यालय

पुणे विमानतल, पुणे-411032

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O/o General Manager(Engg-Proj.)

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यदि अँग्रेजी और हिन्दी पाठ में कोई अंतर पाया जाता है तो अँग्रेजी विवरण सही माना जाएगा।
If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

धन्यवाद / Thanking You,

भवदीय / Yours faithfully,

टी.के.दत्ता
25/08/23

(टी.के.दत्ता/ T.K. Dutta)

संयुक्त महाप्रबंधक, अभि (सि.) / JGM(Engg-Civil),
कृते तथा ओर से अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,

पुणे हवाई अड्डा, पुणे
For and on behalf of Chairman,
Airports Authority of India
Pune Airport, Pune

संलग्न/Encl: 1. Schedule of Quantity

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N.O.O:

बाहरी / External:

1. मुख्य आयकर आयुक्त, पुणे आयकर भवन, 12, साधु वासवानी रोड, पुणे - 411001
Chief Commissioner of Income Tax, Pune Aayakar Bhavan, 12, Sadhu Vaswani Road, Pune - 411001.
2. केंद्रीय श्रम आयुक्त कार्यालय, गुरु नानक नगर, शांति नगर सोसायटी, कतड खाना, शंकर शेठ रोड, पुणे - 411042
Labor Enforcement Officer (Central), Guru Nanak Nagar, Shanti Nagar Society, Katad Khana, Shankar Seth Road, Pune - 411042
3. जी.एस.टी उपायुक्त, 41/ए., आइस हाउस, ससून रोड, वाडिया कॉलेज के सामने, पुणे - 411001.
Dy. Commissioner of Goods & service Tax, 41/A, ICE House, Sasoon Road, Opp. Wadia College, Pune - 411001.
4. क्षेत्रीय ई. पी. एफ. आयुक्त, 2nd और 3rd मंजिल, पुणे कैंटॉन्मेंट बोर्ड बिल्डिंग, गोलीबारी मैदान, पुणे - 411001.
Regional Provisional Fund Commissioner, 2nd and 3rd Floor, Pune Cantonment board Building, Near Golibari Maidan, Pune - 411001

आंतरिक / Internal:

1. महाप्रबंधक (अभि-परि), भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32।
Gen. Manager (Engg-Project), AAI, Pune Airport, Pune - 32.
2. विमानपत्तन निदेशक, भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32 ।
Airport Director, AAI, Pune Airport, Pune - 32.
3. संयुक्त महाप्रबंधक (अभि-वि)-प्रोजेक्ट, भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32।
Jt. Gen. Manager (Engg-Elec.), AAI, Pune Airport, Pune - 32.
4. उपमहाप्रबंधक (वित्त), भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32। -
Dy. Gen. Manager (Fin.), AAI, Pune Airport, Pune - 32. -
5. सहायक महाप्रबंधक (अभि-सि), भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32।
AGM (Engg-Civil.), AAI, Pune Airport, Pune - 32.
6. वरिष्ठ प्रबंधक (अभि-वि), भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32।
SM (Engg-Elec.), AAI, Pune Airport, Pune - 32.
7. अनुबंध फाईल
Agreement File.
8. कार्य फाईल
Works File.

महाप्रबंधक(अभि-परि) कार्यालय

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O/o General Manager(Engg-Proj.)

Pune Airport, Pune-411032

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Government eProcurement System

Created By: ANJANEE KUMARI

Created Date/Time: 31-Jul-2023 01:44 PM

Tender Title: Misc. Civil works on New land for BSO Yard and CWE office at Pune Airport. SH Relocation of BSO yard sheds and CWE office complex at Pathan Baba Dargah on Lohegaon Road, IAF, Pune

Tender ID: 2023_AAI_157714_1

Tender Inviting Authority: Asstt. Gen. Manager (Engg-Civil)-III, AAI, Pune Airport Pune -32

Name of Work: Misc. Civil works on New land for BSO Yard and CWE office at Pune Airport. SH: Relocation of BSO yard sheds and CWE office complex at Pathan Baba Dargah on Lohegaon Road, IAF, Pune

Contract No: 2023_AAI_157714_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead for all lead and lift, as directed by Engineer-incharge. All kinds of soil	7044.00	cum	120.00	845280.00
2	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 for all lead and lifts, as directed by Engineer-incharge. Ordinary rock	8218.00	cum	360.00	2958480.00
3	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 for all lead and lifts, as directed by Engineer-incharge. Hard rock	8218.00	cum	660.00	5423880.00
4	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 for all lead and lifts.	2739.00	cum	65.00	178035.00
5	Supplying and filling moorum / good earth with plasticity Index not more than 6 and liquid limit not more than 25 obtained from approved quarry in embankment or depression in layers not exceeding 20cm (loose) in depth (or any thickness as approved by the Engineer-in-charge in case vibratory roller is used) including breaking clods, watering, consolidating each layer with power road roller 8-10 tonnes weight or vibratory roller of adequate capacity under optimum moisture content condition to give density not less than 95% of the maximum modified standard proctor density complete including leveling, fine dressing to the required grade, camber and slope complete as per MoRTH specifications and as directed by the Engineer-in-Charge with all leads and lifts. (payment of necessary royalty, carriage of moorum upto work site for all leads and lifts involved from all sources acquired or arranged by the Contractor, Payment to be made for compacted quantity only)	8247.00	cum	640.00	5278080.00

संयुक्त महाप्रबंधक (सिविल)
Jt. Gen. Manager (Engg-Civil)
भा. वि. प्रा. पुणे हवाईअड्डा, पुणे ३२
AAI, Pune Airport, Pune - 32.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN- 07AAKFD0111D1Z7)	
				Rate	Amount
6	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish for all lead and lifts. All kinds of soil	27490.00	cum	10.00	274900.00
7	Supplying and filling in plinth with manufacture sand under floors, including watering, ramming, consolidating and dressing complete.	1966.00	cum	1663.00	3269458.00
8	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 (zone-III) : 8 graded stone aggregate 40 mm nominal size)	1094.00	cum	3688.00	4034672.00
9	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	706.00	cum	4783.00	3376798.00
10	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, Portland Pozzolana / Ordinary Portland /Portland Slag cement, 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. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level Concrete of M30 grade with minimum cement content of 350 kg /cum	1852.50	cum	6100.00	11300250.00


 संयुक्त महाप्रबंधक(अभि-सिविल)
 Jt. Gen. Manager (Engg-Civil)
 भा. वि. प्रा. पुणे इवाडेंडडा, पुणे ३२
 AA/ ... Pune - 32.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN- 07AAKFD0111D1Z7)	
				Rate	Amount
11	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, Portland Pozzolana / Ordinary Portland /Portland Slag cement, 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. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth level upto floor V level Concrete of M30 grade with minimum cement content of 350 kg /cum	1368.90	cum	6200.00	8487180.00
12	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete.	2939.00	Sqm	366.00	1075674.00
13	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	5684.00	Sqm	366.00	2080344.00
14	Suspended floors, roofs, landings, balconies and access platform	2057.00	Sqm	366.00	752862.00
15	Edges of slabs and breaks in floors and walls Under 20 cm wide	894.00	metre	180.00	160920.00
16	Stairs, (excluding landings) except spiral-staircases	36.00	Sqm	366.00	13176.00
17	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	4215.00	Sqm	366.00	1542690.00


 संयुक्त महाप्रबंधक(अभि-सिविल)
 Jt. Gen. Manager (Engg-Civil)
 भा. वि. प्रा. पुणे हवाईअड्डा, पुणे ३२
 AAI, Pune Airport, Pune - 32.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN. 07AAKFD0111D1Z7)	
				Rate	Amount
18	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.	185250.00	kg	78.00	14449500.00
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.	136890.00	kg	78.00	10677420.00
20	Brick work with non modular fly ash bricks conforming IS:12894, of class designation 7.5 average compressive strength in foundation and plinth in: Cement mortar 1:4 (1 Cement : 4 coarse sand)	156.00	Cum	6100.00	951600.00
21	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in : Cement mortar 1:4 (1 cement : 4 coarse sand) cum 8414.65	2453.00	Cum	6200.00	15208600.00
22	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)	12130.75	Sqm	250.00	3032687.50
23	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	15130.00	Sqm	250.00	3782500.00
24	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	12484.67	Sqm	45.00	561810.15
25	Finishing walls with textured exterior paint of required shade : New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	9830.00	Sqm	80.00	786400.00
26	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.	200245.00	Kg	98.00	19624010.00
27	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	2059.00	sqm	90.00	185310.00

Devendra K Sharma

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AAI, Pune Airport, Pune - 411 002.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
28	Fixing standard steel glazed doors, windows and ventilators in walls, including fixing of float glass panes with glazing clips and special metalsash putty of approved make, or metal beading with screws, (only steel windows, glass panes cut to size and glazing clips or metal beading with screws). Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	3945.00	Kg	114.00	449730.00
29	Fixing standard steel glazed doors, windows and ventilators in walls, including fixing of float glass panes with glazing clips and special metalsash putty of approved make, or metal beading with screws, (only steel windows, glass panes cut to size and glazing clips or metal beading with screws). Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	200.00	Kg	25.00	5000.00
30	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20mm nominal size).	499.00	Sqm	576.00	287424.00
31	Providing and fixing pre-coated 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 Engineer-in-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	6193.00	Sqm	600.00	3715800.00
32	Providing and fixing pre-coated 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)	486.00	metre	288.00	139968.00
33	Providing and fixing pre-coated 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 : Gutter (600 mm over all girth)	972.00	metre	414.00	402408.00
34	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone - III) : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	1841.00	Sqm	500.00	920500.00

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 भा. वि. प्रा. पुणे हवाईअड्डा, पुणे ३२
 AAI, Pune Airport, Pune - 32.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D127)	
				Rate	Amount
				55.00	768130.00
35	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	13966.00	Sqm		
36	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.20 mm M.S. laths with 1.20 mm thick top cover	279.00	Sqm	2750.00	767250.00
37	Providing and fixing ball bearing for rolling shutters.	62.00	Each	400.00	24800.00
38	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	558.00	Sqm	55.00	30690.00
39	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	7243.00	Sqm	60.00	434580.00
40	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	5326.00	Sqm	1138.00	6060988.00
41	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	157.00	sqm	1250.00	196250.00
42	Providing and laying 60mm thick factory made cement concrete paver block of approved shape and colour of M -30 grade made of C&D waste by block making machine with vibratory compaction laid in required pattern and including over 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	12250.00	Sqm	700.00	8575000.00



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AAI, Pune Airport, Pune - 32.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D127)	
				Rate	Amount
43	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab of all colour and texture except Black, Cherry/Ruby Red	66.00	sqm	4000.00	264000.00
44	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm 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. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Glazed vitrified floor tiles polished finish of size Size of Tile 600 x 600 mm	1364.00	Sqm	793.00	1081652.00
45	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 @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	173.00	Sqm	82.00	14186.00
46	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm 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. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Double charge vitrified tile polished finish of size Size of Tile 600 x 600 mm	237.00	Sqm	854.00	202398.00



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AAI - Airport - 32.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN- 07AAKFD0111D1Z7)	
				Rate	Amount
47	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.	690.00	Sqm	700.00	483000.00
48	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	148.00	Sqm	400.00	59200.00
49	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	655.00	Sqm	475.00	311125.00
50	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	4.00	Each	2711.50	10846.00
51	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 litre capacity - White	4.00	each	818.50	3274.00
52	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	22.00	Each	5462.04	120164.88


 संयुक्त महाप्रबंधक(अभि-सिविल)
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 AAI, Pune Airport, Pune - 32.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D127)	
				Rate	Amount
		26.00	Each	82.40	2142.40
62	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. Waste coupling 31 mm dia of 79 mm length and 62mm breadth weighing not less than 45 gms				
		26.00	Each	144.64	3760.64
63	Providing and fixing PTMT pillar cock of approved quality and colour. 15 mm nominal bore, 107 mm long, weighing not less than 110 gms				
		50.00	Metre	814.44	40722.00
64	Providing and fixing soil, waste and vent pipes : 100mm dia pipe Sand cast iron S&S pipe as per IS: 1729				
		22.00	Each	239.48	5268.56
65	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.				
		20.00	Each	3633.92	72678.40
66	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:- (a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer				
		10.00	Each	4806.76	48067.60
67	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink with drain board				
		30.00	Each	83.48	2504.40
68	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Flexible pipe 32 mm dia				
		150.00	Metre	352.92	52938.00
69	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. 15 mm nominal dia Pipes				
		250.00	Metre	411.00	102750.00
70	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 dia Pipes				


 संयुक्त महाप्रबंधक(अभि-सिविल)
 Jt. Gen. Manager (Engg-Civil)
 भा. वि. नं. ३२
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Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
71	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.	15000.00	Per Litre	7.76	116400.00
72	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore each	14.00	Each	317.96	4451.44
73	Providing and laying S&S centrifugally cast (spun) iron pipes (Class LA) conforming to IS - 1536 : 100 mm dia pipe	125.00	Metre	968.40	121050.00
74	Providing and laying S&S centrifugally cast (spun) iron pipes (Class LA) conforming to IS - 1536 : 150 mm dia pipe	50.00	Metre	1459.76	72988.00
75	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement: 1 fine sand) including testing of joints etc. complete: 250 mm diameter	125.00	Metre	1035.12	129390.00
76	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement: 1 fine sand) including testing of joints etc. complete : 300 mm diameter	150.00	Metre	1419.60	212940.00
77	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design : 250 mm diameter S.W. pipe metre 1476.35	125.00	Metre	1181.08	147635.00
78	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design : 300 mm diameter S.W. pipe	150.00	Metre	871.28	130692.00
79	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: 150 x 100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	8.00	Each	1979.52	15836.16


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 भा. सि. ए. ए. भुवनेश्वर, पुणे ३२
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Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
80	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 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	8.00	Each	2027.20	16217.60
81	Constructing brick masonry circular type manhole 0.91 m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand), inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size), and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, all complete as per standard design : 0.91 m deep with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560 mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182 kg., fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete. (Excavation, foot rests and 12mm thick cement plaster at the external surface shall be paid for separately)	20.00	Each	9509.16	190183.20
82	Providing and fixing terminal guard : 100 mm Sand cast iron S&S as per IS - 1729	10.00	Each	314.32	3143.20
83	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	12.00	Each	480.28	5763.36
84	Providing and fixing toilet paper holder C.P. brass	12.00	Each	544.64	6535.68
85	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	12.00	Each	77.40	928.80
86	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia	12.00	Each	4895.32	58743.84
87	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 150 mm diameter	12.00	Each	152.08	1824.96

Sl.No	Description of Work / Item(s)	No. of Qty	Units	M/s Devendra K Sharma and associates (GSTN- 07AAKFD0111D1Z7)	
				Rate	Amount
88	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	12.00	Each	243.08	2916.96
89	Providing and fixing brass stop cock of approved quality : 15 mm nominal bore	20.00	Each	243.08	4861.60
90	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 50 mm nominal bore	2.00	each	702.60	1405.20
91	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 80 mm nominal bore	2.00	each	1782.08	3564.16
92	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 25 mm nominal bore Horizontal	10.00	each	405.32	4053.20
93	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 25 mm nominal bore Vertical	10.00	each	458.80	4588.00
94	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 40 mm nominal bore Horizontal	10.00	each	652.04	6520.40
95	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 50 mm nominal bore Horizontal	10.00	each	938.92	9389.20
96	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 80 mm nominal bore Horizontal	10.00	each	2507.84	25078.40
97	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	76.00	each	400.28	30421.28

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Jt. Gen. Manager (Engg-Civil)
भा. वि. प्र. पण रवईअहा, पुणे ३२
AAL PWA, Pune - 32.

Sl.No	Description of Work / Item(s)	No. of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
98	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms 15 mm nominal bore	12.00	Each	572.04	6864.48
99	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) : 100 mm diameter Class I	2.00	Each	3278.32	6556.64
100	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) : 150 mm diameter Class I	2.00	Each	4784.36	9568.72
101	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour. 15 mm nominal bore with 30cm length	38.00	each	68.40	2599.20
102	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour. 15 mm nominal bore with 45 cm length	38.00	each	86.32	3280.16
103	Providing and laying autoclaved aerated cement blocks masonry with 150mm/230mm/300 mm thick AAC blocks in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for separately).	591.00	Cum	6000.00	3546000.00
104	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	953.00	Metre	305.00	290665.00
105	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	1122.00	Cum	2750.00	3085500.00

संयुक्त महाप्रबंधक (अभि-सिविल)

Jt. Genl. Manager (Engg-Civil)

भा. वि. प्र. ... २२

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
111	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) Powder coated aluminium (minimum thickness of powder coating 50 micron)	795.00	Kg	420.00	333900.00
112	Providing and fixing 12 mm thick prelaminate 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 one side and balancing lamination on other side sqm 965.10	164.00	Sqm	965.00	158260.00
113	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)	52.00	Sqm	1325.00	68900.00
114	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	20.00	Each	2500.00	50000.00
115	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge: Profile E Fixing with adjustable lugs with split end tail to each jamb	248.00	Metre	500.00	124000.00
116	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class teak wood 35 mm thick shutters sqm 3704.45	116.00	Sqm	3660.00	424560.00

Sl.No	Description of Work / Item(s)	No. of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
117	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Ply wood 5 ply, 9 mm thick Decorative plywood both side decorative veneer (Type - I) conforming to IS 1328 BWR type	46.00	Sqm	2366.35	108852.10
118	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Float glass panes 50 mm thick glass panes (weight not less than 12.50 kg/sqm)	46.00	Sqm	2231.20	102635.20
119	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge	120.00	Metre	280.00	33600.00
120	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. galvanized/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanized 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/galvanized M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having overall 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 galvanized 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)	68.00	Sqm	1790.65	121764.20
121	Providing and fixing bright finished brass handles with screws etc. complete 125 mm	29.00	Each	205.10	5947.90

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D127)	
				Rate	Amount
122	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	29.00	Each	1025.65	29743.85
123	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer- incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	1956.00	Kg	510.00	997560.00
124	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	2150.00	kg	99.00	212850.00
125	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 (both side 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 of cleat 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 plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)	820.00	Sqm	1020.00	836400.00

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AAI, Pune Airport, Pune - 32.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
126	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross 'T' of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main 'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x16 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all Tsections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge	820.00	Sqm	1320.00	1082400.00
127	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias, wall lining and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. Granite stone slab of colour black, Cherry/Ruby red Area of slab over 0.50 sqm	183.00	Sqm	4000.00	732000.00
128	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge Granite Work	105.00	metre	400.00	42000.00


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Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN- 07AAKFD0111D127)	
				Rate	Amount
129	Providing and fixing of expansion joint system related with floor location as per drawings and direction of Engineer-In-Charge. The joints system will be of extruded aluminum base members, self aligning / self centering arrangement and support plates etc. as per ASTM B221-02. The system shall be such that it provides floor to floor / floor to wall expansion control system for various vertical location in load application areas that accommodates multi directional seismic movement without stress to it's components. System shall consist of metal profiles with a universal aluminum base member designed to accommodate various project conditions and finish floor treatments. The cover plate shall be designed of width and thickness required to satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self- centering arrangement that freely rotates / moves in all directions. The Self - centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design and as approved by Engineer -in- Charge. (Material shall confirm to ASTM 6063). Floor Joint of 100 mm gap	42.00	metre	5040.00	211680.00
130	Providing and fixing of expansion joint system related with wall joint (internal/external) location as per drawings and direction of Engineer-In- Charge. The joints shall be of extruded aluminum base members, self aligning / centering arrangement and support plates as per ASTM B221-02. The material shall be such that it provides an Expansion Joints System suitable for vertical wall to wall/ wall to corner application, both new and existing construction in office Buildings & complexes with no slipping down tendency amongst the components of the Joint System. The Joint System shall utilize light weight aluminum profiles exhibiting minimal exposed aluminum surfaces mechanically snap locking the multicellular to facilitate movement. (Material shall confirm to ASTM 6063). Wall Joint of 100 mm gap	16.00	metre	4560.00	72960.00


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Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
131	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. : b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineering-charge. d) Finishing the surface with 20 mm thick joint less cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineering-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm.Note :-(The incase of any leakage if the injection grouting or any type processes required for stopping of leakage, the same shall be done by the Contractor free of cost with in appropriate time to avoid further damages .If the contractor fails to rectify the defects well in time, the same will be done by AAI at risk and cost of	1807.00	sqm	1000.00	1807000.00
132	Shifting of furniture, office cabinets etc from existing BSO yard and CWE office to new location upto 3km distance i/c transportation, loading, unloading, labour etc, shifting by mechanical transport of capacity 9MT all complete as per satisfaction of EIC	300.00	per trip	2500.00	750000.00
133	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : (copper oxidized as per IS: 1378) 300x16 mm	100.00	each	180.55	18055.00
134	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete : (copper oxidized as per IS: 1378) 150x10 mm	100.00	each	53.05	5305.00
135	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	100.00	each	60.00	6000.00


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				Rate	Amount
136	Providing and fixing bright finished brass 100 mm mortice latch with one dead bolt and a pair of lever handles of approved quality with necessary screws etc. complete.	100.00	each	600.00	60000.00
137	Providing and fixing 75 mm high, 50 mm deep and 18 mm thick stone slab table rubbed, edges rounded and polished, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth. Granite Stone of approved shade	22.00	sqm	4000.00	88000.00
138	Providing Engineering Consultancy through approved consultant for "Shifting of BSO yard and CWE office sheds at IAF area, Airforce station, Pune." including area layout, planning, structural designing, detailed designing. Role & responsibilities of the design consultant which is broadly inclusive of, but not limited to, soil investigation, planning, structural design which will include master planning/layout plan and other development plan preparation, tentative arrangement of various facilities, Augmentations of Power supply systems, Water Supply, Drainage, Sanitary installations, Internal & External Electrical Installations, Landscaping, Interior Design, External Lighting, Area drainage, diversion of existing nallah, sewerage lines, drainage lines, electrical services and other services etc. in coordination with IAF, local municipal bodies etc., recommendation for shop drawings, preparing as-built drawings, preparing inventory of all equipment/ fixtures etc. and all other tasks assigned by AAI in line with provisions contained in the Tender Document for the subject Consultancy item. Note: i) Consultant has to provide Engineering Consultancy for above design. ii) The cost as incurred towards vetting of the structural drawings and designs is included in this item hence no extra payment shall be made in this regard.	1.00	Job	3000000.00	3000000.00
139	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 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	7785.00	Mtr	239.00	1860615.00
140	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	4323.00	Mtr	351.00	1517373.00


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				Rate	Amount
141	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 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 1.5 sq mm FRLSH PVC insulated copper conductor single core cable etc. as required - Group C	568.00	Point	1349.00	766232.00
142	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 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	238.00	Each	477.00	113526.00
143	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 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	179.00	Each	586.00	104894.00
144	Supplying of the following sizes of 11 KV Alum. Earthed, Armoured XLPE HT power cable as per IS:7098 (part-2) amended up-to-date, as per specifications. 3 core 240 Sqmm	300.00	Mtr	2798.00	839400.00
145	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size in the existing RCC/HUME/ METAL pipe as required- above 120 and Upto 400 Sqmm	300.00	Mtr	150.00	45000.00
146	Supplying of 120 mm dia (OD-120 mm & ID-103 mm nominal size HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to relevant IS, complete with fitting and cutting, jointing etc. complete as required.	300.00	Mtr	267.00	80100.00
147	Laying of 120 mm outer dia HDPE Pipe with HDD trenchless method direct in ground in all type soil including 4 mm PP rope coupling of pipe, etc. (minimum 1.5 Mtr below in normal roads/soil) complete in all respect as per specification. (Cost of HDPE Pipe is not included in the item)	75.00	Mtr	60.00	4500.00
148	Supplying and making outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :240 sq. mm	2.00	Each	8496.00	16992.00
149	Supply of following size of 1.1 kv grade FRLS aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 (Part-I) with upto date amendments. (a) 3½ core X 120 Sq.mm.	150.00	Mtr	995.00	149250.00
150	Supply of following size of 1.1 kv grade FRLS aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 (Part-I) with upto date amendments. (a) 3½ core, 50 Sq.mm.	915.00	Mtr	560.00	512400.00
151	Supply of following size of 1.1 kv grade FRLS aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 (Part-I) with upto date amendments. (a) 4 core, 25 Sq.mm.	240.00	Mtr	412.00	98880.00


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				Rate	Amount
152	Supply of following size of 1.1 kv grade FRLS aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 (Part-I) with upto date amendments. (a) 4 core, 16 Sq.mm.	2400.00	Mtr	339.00	813600.00
153	Supply of following size of 1.1 kv grade FRLS aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 (Part-I) with upto date amendments. (a) 2 core, 16 Sqmm	850.00	Mtr	196.00	166600.00
154	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. (a) Upto 35 sq. mm	3490.00	Mtr	60.00	209400.00
155	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. (a) Above 35 sq. mm and upto 95 sq. mm	915.00	Mtr	80.00	73200.00
156	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. (a) Above 95 sq. mm and upto 185 sq. mm	150.00	Mtr	120.00	18000.00
157	Supplying and making end termination with brass double compression flame proof gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. (a) 3½ X 120 sq. mm (45mm)	6.00	Each	600.00	3600.00
158	Supplying and making end termination with brass double compression flame proof gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. (a) 3½ core, 50 Sq.mm.	10.00	Each	400.00	4000.00
159	Supplying and making end termination with brass double compression flame proof gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. (a) 4 core, 25 Sq.mm.	8.00	Each	350.00	2800.00
160	Supplying and making end termination with brass double compression flame proof gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. (a) 4 core, 16 Sq.mm.	16.00	Each	300.00	4800.00
161	Supplying and making end termination with brass double compression flame proof gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. (a) 2 core, 16 Sq.mm.	30.00	Each	200.00	6000.00

Devendra K Sharma

संयुक्त महाप्रबंधक(अभि-सिविल)
Jt. Gen. Manager (Engg-Civil)
भा. वि. प्रा. पुणे हवाईअड्डा, पुणे ३२
AAI, Pune Airport Pune - 32.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
162	Supply, Installation, Testing & Commissioning of Outdoor oil type 315 kVA, 11/0.433 KV, 3 Phase, 50Hz, Dyn11 vector group, copper wound, class A or higher insulation level, associated with Oil and winding temperature indicator/controller actuated by means of resistance temperature detector embedded in LV windings Associated protection arrangement, Oil conservator as per IS 2026 and losses as per IS 1180 Level-2, Outdoor type transformer with approximately impedance as per IS with updatation, tappings for off load operation on HT side with range of (-) 7.5% and (+) 7.5% in the step of 2.5% each. The transformer shall be provided with winding temperature alarm & trip protection, having cable end boxes on HV side of suitable rating XLPE cable of 11KV grade and arrangement on LV side suitable for 500A with neutral brought out separately. (Note - Installation of Transformer is to be done on DP structure DP structure is paid as per separte BOQ Item.)	1.00	Set	1752000.00	1752000.00
163	Supplying & erecting inline D. P. Structure for 11/0.433 kV, 315 kVA Transformer (Transformer is not included in the item) with R.S.J. Pole 2 Nos. of size 100 x 116 mm x 11 m Long with suitable LT Distribution Box of C.R.C.A. Sheet 16 SWG with 4 Pole MCCB 500 Amps as incomer & suitable bus bar, D.O. Fuse Set, L.A., A.B. Switch with handle, pin insulators etc. Transformer D.P. Structure includes the A. B. Switch 200 Amps, D.O. fuse Set & L.A. Set. 2 Nos. Top channel of size 100 mm x 50 mm for erection of A.B. Switch & 2 Nos. Base channel of size 100 mm x 50 mm for erecting Transformer, 2 nos. Channel of size 75 x 40 mm for erecting D.O. Fuse Set, L.A., A.B. Switch handle etc. Angle of size 50 x 50 x 6 mm for erecting Distribution Box, Transformer Belt etc., galvanized stay set (4 sets) for 11 KV D.P structure complete with 19/20 mm dia X 1.8 meters long stay rod, anchor plate of size 45 cm X 45 cm X 7.5 mm thick, thimble, stay clamps, turn buckle (20 mm X 600 mm), 7/4.00 mm dia G.I. stay wire and 11 KV strain insulator etc., with necessary clamps, Nut-bolts. V- Cross arm, top clip, insulators, 150 mm dia B-class GI pipe of 06 mtr length with suitable mounting clamps for cable entry, caution board & barbed wire complete. D.P. Structure shall be erected in CC foundation (R.S.J pole shall be 2m below ground in CC) & 600 mm suitable CC collar complete as required	1.00	Job	420000.00	420000.00



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				Rate	Amount
164	Supply, Installation, Testing and Commissioning of cubicle type of suitable size outdoor LT panel, as per IEC 61439-1 & IEC 61439-2, suitable for 415V+/-10%, 3 Phase, 4 wire 50 Hz AC supply system, shall be mounted on suitable cement concrete foundations/MS angle base frame i/c grouting the stand with concrete mortar (As per standard or directed by EIC) nut bolts etc as required, and shall be fabricated in compartmentalized 4b modular design IP 54 from CRCA sheet steel of 2 mm thick for frame work and covers, 3 mm thick for gland, plates i/c cleaning & finishing complete with 7 tank process for powder coating in approved shade, having busbar with SMC bus bar supports, entire panel shall have a common GI earth bar with 2 Nos. earth stud, solid / flexible connections from main bus bar to switchgears and from switchgear output to cable termination block in cable alley with required size of AL conductors / bus bars and control wiring with 2.5 sqmm PVC insulated copper conductor cable (FRLS), cable alleys, cable gland plates in two half as per specifications. Mechanical interlock between incomers and bus coupler to be provided. Incomer: 250A FP 36kA MCCB (Microprocessor based release with O/L, S/C & E/F protection) Ics=100%Icu - 2 Nos. i/c extended rotary handle, spreader link, R.Y.B indication lamp- 1 Set, ON, OFF, TRIP indication lamp- Each 1 no., 2A SP 10kA control MCB, multifunction meter with suitable ratio CTs of class 1.0 accuracy, 3-ph energy meter of class 1.0 accuracy. Bus-coupler: 250A FP 36kA MCCB (Microprocessor based release with O/L, S/C & E/F protection) Ics=100%Icu i/c extended rotary handle, spreader link, ON, OFF, TRIP indication lamp- Each 1 no., 2A SP 10kA control MCB. Outgoing: (a) 63A FP 36kA MCCB (Microprocessor based release with O/L, S/C & E/F protection) Ics=100%Icu - 12 nos. i/c extended rotary handle, spreader link, ON, OFF, TRIP indication lamp- Each 1 no., (b) FP C32A MCB -02 nos.	1 00	Set	413000.00	413000.00


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Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
165	External Lighting Feeder panel Supply, assembly, erection, connecting, testing & commissioning of LT weather proof dust and vermin proof, outdoor feeder pillar/ panel board (as per site requirement) double door type, fabricated out of CRCA sheet, IP-54 enclosure shall be type tested as per IS 8623. The feeder pillars shall be complete with 3 phase and neutral bus bars of capacities as described below and moulded circuit breakers (MCCBs) with adjustable overload relay, copper FRLS control wiring with 1.5 sq mm, duly painted complete with earth bus, aluminium bus bar, numbering & sign writing, interconnection etc & CPRI/ERDA test reports for fault level & IP level protection Incomer i) 1 No 100Amps 4P MCCB '25ka, Icu=Ics with thermal based release with operating handle, spreader links, ON indicating lamp, RYB indication LED lamps with 2A backup MCB having O/L, S/C, earth fault protection equipped with the following Busbars 150 Amp 4P busbars of high conductivity electrolytic quality aluminium alloy. Outgoing: Note- All MCCB's shall be with adjustable O/L protection (i) 8 -32 Amps TPN, MCB - 10 Nos (ii) 100 amp, 4P Contractor - 1 Nos., (iii) 24 hour timer- 2 Nos (iv) Auto/manual by pass selector switches- 2 Nos	1.00	Each	155000.00	155000.00
166	Supplying and laying of 63 mm dia (OD-63 mm & ID-51 mm nominal) size DWC 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.	3644.00	Mtr	207.00	754308.00
167	Supplying and fixing following way, IP-54, horizontal type Three pole and neutral, sheet steel, MCB PPI 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+6+12), TPN Double door, Horizontal type	1.00	Each	4105.00	4105.00
168	Supplying and fixing following way, IP-54, horizontal type Three pole and neutral, sheet steel, MCB PPI 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) 8 way (4 +6+ 24), Double door, horizontal type	11.00	Each	6280.00	69080.00
169	Supplying and fixing Cable End Box (Loose Wire Box) suitable for following Three pole and neutral, sheet steel, MCB distribution board, 240 Volts, on surface/ recess, complete with testing and commissioning etc. as required- for 8 way (4 +6+ 24), TPN, Double door, horizontal type MCB PPI distribution board,	11.00	Each	1346.40	14810.40


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Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s Devendra K Sharma and associates (GSTN. 07AAKFD0111D127)	
				Rate	Amount
170	SITC 4P MCB 'C' Curve: Supplying and fixing following rating, four pole, 415 V, MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required. (a) 63A	12.00	Each	1880.00	22560.00
171	Supplying and fixing of following rating, Double pole, 240 volts, residual current circuit breaker (RCCB) having sensitivity current 100 milli Amps in the existing MCB DB complete with connections, testing and commissioning etc. as required. (a) DP, 63 Amps, 100 mAmps RCCB	36.00	Each	2890.00	104040.00
172	SITC 'C' series, SP MCB: Supplying and fixing 5 A to 32 A rating, 240/415 V, 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.	780.00	Each	190.00	148200.00
173	SITC 'C' series, DP MCB: Supplying and fixing 5 A to 32 A rating, 240V, 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.	11.00	Each	788.00	8668.00
174	Design, supply, installation, testing and commissioning of 3600 Lumen, CCT- 5700/6500K, recess/surface mounted LED type 600 mm x 600 mm LED luminaire with high transmittive diffuser, suitable for indoor commercial application, made out of metallic CRCA powder coated body, required heat sink, mounting arrangement complete with LEDs driver, surge protection system and compliance with LM 80 & LM 79 as per technical specification etc. complete as required.	50.00	Each	2950.00	147500.00
175	Supply, Installation, testing and commissioning of Batten LED, 4 ft, with a nominal system lumen output of 4000 lumens. The luminaire should have a colour temperature of 5700/6500K. with suitable mounting clamps complete with LEDs driver, surge protection system and compliance with LM 80 & LM 79 as per technical specification etc. complete as required.	865.00	Each	1169.00	1011185.00
176	Supply, Installation, testing and commissioning of 1200 mm ceiling fans complete with double ball bearing, motor, blades, canopies, capacitor, suitable electronic step regulator etc. suitable for operation on 230 volts, 50 Hz., 1 phase, AC supply complete as required. including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated / PVC sheet cover on the fan box etc. as required.	358.00	Each	3280.00	1174240.00
177	Supply and fixing of 300mm sweep MS blade exhaust fan suitable for operation on 230 V, 50 Hz, Single phase, A.C supply in the existing opening/ including making the hole to suit the size of the above fan, making good the damage, connections, testing, commissioning etc. as required.	158.00	Each	2256.00	356448.00


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Sl.No	Description of Work / Item(s)	No. of Qty	Units	M/s Devendra K Sharma and associates (GSTN-07AAKFD0111D1Z7)	
				Rate	Amount
178	Supply installation testing and commissioning of 7 Mtr high (Above Ground) hot dip galvanized Octagonal street light pole with 70 mm top dia., 130 mm bottom dia., 3mm thick with suitable foundation, base plate, foundation bolts, fastener as recommended by OEM including one meter long single arm bracket of GI suitable for street light specified, pole shall have provision of suitable inbuilt looping / junction box for cable loop-in loop-out arrangement with door and having heavy duty terminal block (3 phase & neutral), din MCB channel, 01 no suitable DP MCB, double earthing arrangement, 3Cx2.5 Sqmm. unarmoured Cu cable from terminal block to light fitting etc. including all accessories complete as required.	36.00	Each	11540.00	415440.00
179	Supply installation testing and commissioning of 7 Mtr high (Above Ground) hot dip galvanized Octagonal street light pole with 70 mm top dia., 130 mm bottom dia., 3mm thick with suitable foundation, base plate, foundation bolts, fastener as recommended by OEM including one meter long double arm bracket of GI suitable for street light specified, pole shall have provision of suitable inbuilt looping / junction box for cable loop-in loop-out arrangement with door and having heavy duty terminal block (3 phase & neutral), din MCB channel, 01 no suitable DP MCB, double earthing arrangement, 3Cx2.5 Sqmm. unarmoured Cu cable from terminal block to light fitting etc. including all accessories complete as required.	25.00	Each	11540.00	288500.00
180	Supply, installation, testing and commissioning of 8200 Lumen, CCT of 5700/6500K, pole/wall bracket mounting LED type streetlight fitting made out of pressure die-cast housing and heat sink, mounting clamps complete with LEDs driver, surge protection system and compliance with LM 80 & LM 79 as per technical specification etc. complete as required.	86.00	Each	7248.00	623328.00
181	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	4.00	Each	4500.00	18000.00
182	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	6.00	Each	7400.00	44400.00
183	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	4044.00	Mtr	29.90	120915.60
184	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	450.00	Mtr	245.00	110250.00
185	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	6.00	Each	150.00	900.00

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				Rate	Amount
186	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For horizontal run)	201.00	Mtr	220.00	44220.00
187	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For vertical run)	42.00	Mtr	230.00	9660.00
188	Providing and laying G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	40.00	Mtr	290.00	11600.00

Total in Figures

190607423.86

Lowest Amount Quoted BY: M/s Devendra K Sharma and



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