



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

सं.भा.वि.प्रा./लेह/अभि(C)/डी.वी.ओ.आर /२०१९-२०/ अवार्ड/ ५१५

दिनांक: १४.०५.२०२०

No.:AAI/LEH/Engg.(C)/DVOR/2019-20/Award/

Dated: 14.05.2020

सेवा में,

मेसर्स स्टैंडर्ड एंटेर्प्राइस

M/s Standard Enterprises

बुदशाह चौक, श्रीनगर

Budshah Chowk, Srinagar

जे एंड के - 190019.

J & K- 190019

विषय: लेह हवाई अड्डे पर डी.वी.ओ.आर के निर्माण का कार्य। उप विषय -1 लेह में डी.वी.ओ.आर लगाने के लिए सिविल, आंतरिक एवं बाहरीक विद्युतीय कार्य।

उप विषय : अवार्ड लेटर

Sub:- Construction of DVOR Building at Leh Airport. SH-1 Civil & Internal & External Electrical Works for installation of new DVOR at Leh.

SH: Award letter

सन्दर्भ :-निविदासं- 2020_AAI_43322_1;17.03.2020 को खोली गई।

Ref:-Tender ID no.- 2020_AAI_43322_1;opened on 17.03.2020

महोदय,

Sir,

1. उपर्युक्त निर्दिष्ट कार्य हेतु आपकी निविदा आपके द्वारा उद्धृत आइटम दरों पर कुल रु.66,80,223.00 (मात्र छियासठ लाख अस्सी हजार दो सौ तेईस रुपये) की धनराशि पर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से एतद द्वारा स्वीकृत की जाती है जो एस्टीमेटेड कोस्ट रु.69.20 लाख से 3.46% नीचे है।

Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the Item rates quoted by you amounting to Rs. 66,80,223.00 (Rupees Sixty Six Lakhs Eighty Thousand Two Hundred Twenty Three only) which is 3.46% below the estimated cost put to tender of Rs. 69.20 lakhs.

2. सयुक्त महाप्रबन्धक, (अभि-सिविल), भारतीय विमानपत्तन प्राधिकरण, के.बी.आर. एयरपोर्ट, लेह, इस कार्य के प्रभारी अभियंता होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने सयुक्त महाप्रबन्धक, (अभि-सिविल), भारतीय विमानपत्तन प्राधिकरण, के.बी.आर. एयरपोर्ट, लेह के कार्यालय में 28.05.2020 तक उपस्थित हों। संविदा करार 500/- रुपये (मात्र पाँच सौ रुपये) के न्यायिकेतर (नॉन-ज्यूडिशियल) स्टॉप पेपर पर बनावया जायेगा तथा स्टॉप पेपर की लागत आपके द्वारा वहन की जाएगी।

Jt.GM (Engg.-Civil), AAI, KBR Airport, Leh, shall be Engineer-in-charge for the work. You are requested to attend the office of Jt. GM (Engg.-Civil), AAI, KBR Airport, Leh, by 28.05.2020 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 500/- (Rupees Five Hundred only) and the cost of the stamp paper shall be borne by you.

कार्यालय लेह, रि हवाई अड्डा, ब.कु. विमानपत्तन निदेशक -

O/o Airport Director, KushokBakula Rinpoche Airport, Leh-194101.

Phone: 01982-251783 (O), Fax: 01982-251781



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

3. आपके टेंडर के साथ प्राप्त रु 1,38,400/- (एक लाख अड़तीस हजार चार सौ रुपये) की धरोहर राशि को अनुबंध दस्तावेज के जीसीसी में पृष्ठ संख्या 16 पर खंड 1A में शर्त के अनुसार सुरक्षा जमा के हिस्से के रूप में परिवर्तित की जाएगी। यदि आप रनिंग बिल से सुरक्षा राशि की कटौती नहीं चाहते हैं, तो ऐसे मामले में सुरक्षा के रूप में रु. 6,68,022.00/- (छे हजार अड़सठ हजार बाईस) रुपये जमा कर सकते हैं (इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर) विफल रहने पर, निविदा दस्तावेज के जीसीसी के खंड 1 (ए) के क्रमांक 16 पृष्ठ की शर्त के अनुसार कटौती की जाएगी।

The earnest money amounting to Rs. 1,38,400/- (Rupees One Lakh Thirty Eight Thousand Four Hundred only) received along with your tender will be treated and converted as part of Security Deposit as per clause no.1A on GCC page 16 of contract document. Please deposit Rs. 6,68,022.00 (Rupees Six Lakhs Sixty Eight Thousand Twenty Two only) towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from running bills as per condition 1A on page 16 of the Contract Document.

4. आप से अनुरोध है कि आप केंद्र व राज्य सरकारों के न्युनतम मजदूरी अधिनियम व तदसंबन्धी नियमों, संविदा श्रम (विनियम एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियम एवं उन्मूलन) केन्द्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार और सेवा की स्थिति का विनियमन) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 जैसा कि निविदा के जीसीसी क्लॉज 19 पृष्ठ संख्या 49 पर निर्दिष्ट किया गया है, और केंद्र और राज्य सरकार के नियम, इन सब का अनुपालन करें।

You are requested to comply with the Minimum Wages Act and rules thereof of Central and State Government, provisions of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central rules 1971 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no. 49 of GCC of tender and rules of Central and State Government

5. आपको प्रबन्धक, (अभि-सिविल), के.बी.आर. एयरपोर्ट, लेह, से तत्काल संपर्क करने का भी निर्देश दिया जाता है। आपको कार्यस्थल (साइट) सौंपने का कार्य उनके द्वारा ही किया जाएगा।

You are also directed to contact Manager (Engg.-Civil), AAI, KBR Airport, Leh, immediately who will arrange to hand over the site to you.

6. कृपया नोट करें कि कार्य पूरा करने की समयावधि 4 (चार) महीने होगी। यह समय इस पत्र के जारी होने के 10 वें दिन से प्रारम्भ माना जायेगा।

Please note that time of completion of the work shall be 04 (Four) months, which shall be reckoned from the 10th day of the date of issue of this letter.

7. संविदा के संबंध में भविष्य में किसी भी प्रकार का पत्र व्यवहार सामान्यतः प्रभारी-अभियंता के नाम से किया जाएगा।

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

8. कृपया प्राप्ति भेजें तथा इसके साथ संलग्न पत्र की दूसरी प्रति पर हस्ताक्षर करके प्राप्ति के प्रमाणस्वरूप इसे अधोहस्ताक्षरी के पास वापस भेज दें।

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.

कार्यालय लेह, रि हवाई अड्डा .ब.कु. विमानपत्तन निदेशक -

O/o Airport Director, KushokBakula Rinpoche Airport, Leh-194101.

Phone: 01982-251783 (O), Fax: 01982-251781



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

9. ऊपर वर्णित बिन्दुओं में किसी विरोधाभास की स्थिति में अंग्रेजी प्रारूप ही सही माना जाएगा ।
In case of any contradiction above, English version shall prevail.

भवदीय

Yours faithfully,

(राकेश चंद्रन एस)

(Rakesh Chandran S)

वरिष्ठप्रबन्धक(अभि.-सिविल)

Sr. Manager (Engg.-Civil),

अध्यक्ष भारतीय विमानपत्तन प्राधिकरण के लिए व उनकी तरफ से

For and on behalf of the Chairman
AIRPORTS AUTHORITY OF INDIA

संलग्न: अनुसूच-ए
Encl: Schedule-A

कार्यालय लेह, रि हवाई अड्डा .ब .कु ,विमानपत्तन निदेशक -

O/o Airport Director, KushokBakula Rinpoche Airport, Leh-194101.

Phone: 01982-251783 (O), Fax: 01982-251781

Name of work: Construction of DVOR building at Leh Airport.					
SH-1 Civil & Internal and External Electrical works for installation of new DVOR at Leh Airport.					
Item No.	Description	Qty	Unit	Rate	Amount
CIVIL WORKS					
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by engineer-in-charge. All kinds of soil.	619.00	Cum	220.00	136180.00
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.	371.00	Cum	240.00	89040.00
3	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil. Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia.	142	m	250.00	35500.00
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 up to 50 m and lift upto 1.5 m.	400	Cum	200.00	80000.00
5	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kind of soil.	127	Cum	80.00	10160.00
6	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).	138	Cum	6000.00	828000.00
7	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).	148	Cum	5000.00	740000.00
8	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).	11	Sqm	400.00	4400.00
9	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	11.00	Sqm	110.00	1210.00
10	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 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.	21	Sqm	614.00	12894.00
11	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Foundations, footings, bases of columns, etc. for mass concrete.	279	Sqm	250.00	69750.00
12	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Suspended floors, roofs, landings, balconies and access platform.	80	Sqm	650.00	52000.00
13	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Lintels, beams, plinth beams, girders, bressumers and cantilevers.	147	Sqm	500.00	73500.00
14	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Columns, Pillars, Piers, Abutments, Posts and Struts.	40	Sqm	700.00	28000.00
15	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.	4800	Kg	80.00	384000.00
16	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500 D or more.	2875	Kg	80.00	230000.00

21/02/21

17	Providing and laying in position machine batched and machine mixed design mix M 25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately). All works upto plinth level.	48	Cum	8500.00	408000.00
18	Providing and laying in position machine batched and machine mixed design mix M 25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately). All works above plinth level upto floor V level.	23	Cum	12500.00	287500.00
19	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in Cement Mortar 1:6 (1 cement : 6 coarse sand).	12	Cum	8500.00	102000.00
20	Providing and fixing up to floor five level precast cement concrete solid block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	25	Cum	13000.00	325000.00
21	Half brick masonry 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. Cement mortar 1:4 (1 cement : 4 coarse sand).	25	Sqm	700.00	17500.00
22	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) Kiln seasoned and chemically treated hollock wood	0.15	Cum	110000.00	16500.00
23	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Kiln seasoned and chemically treated hollock wood, 35 mm thick shutters.	4	Sqm	2400.00	9600.00
24	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 : Kiln seasoned and chemically treated hollock wood	5	Sqm	2000.00	10000.00
25	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 250x10 mm.	9	Nos	400.00	3600.00
26	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 150x10 mm.	20	Nos	235.00	4700.00
27	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	4	Nos	750.00	3000.00
28	Providing and fixing bright finished brass handles with screws etc. complete: 75 mm.	10	Nos	150.00	1500.00
29	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	9	Nos	110.00	990.00
30	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	9	Nos	855.00	7695.00
31	Providing and fixing Pre-laminated medium density fibre board exterior grade (Grade-I) IS:14587:1998 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately). Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick conforming to IS:14587.	126	Sqm	900.00	113400.00

210691

32	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.	8.7	Sqm	2500.00	21750.00
33	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.	19.00	Sqm	900.00	17100.00
34	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	6.00	Sqm	900.00	5400.00
35	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge, in flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand). Acid and alkali resistant tile.	7.00	Sqm	1300.00	9100.00
36	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge, in dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand). Acid and alkali resistant tile.	1.00	Sqm	1400.00	1400.00
37	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the Manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm.	42.00	Sqm	1700.00	71400.00
38	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	5.00	Sqm	1500.00	7500.00

21/02/21

39	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 1200x600 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 calcium 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 25x35x1.6 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. Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/ opening (cut outs) having area less than 0.30 sqm: The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non- combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/mK.	34.00	Sqm	1500.00	51000.00
40	12 mm cement plaster of mix :1:6 (1 cement: 6 fine sand).	233.00	Sqm	250.00	58250.00
41	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand).	183.00	Sqm	250.00	45750.00
42	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer.	244.00	Sqm	80.00	19520.00
43	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqmover and including priming coat of exterior primer applied @ 2.20 kg/10 sqm).	123.00	Sqm	200.00	24600.00
44	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade (Two or more coats on new work).	244.00	Sqm	150.00	36600.00
45	Providing and laying factory made chamfered edge Cement Concrete paver blocks in foot path, park & lawns driveway or light & traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of course sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, all complete as per manufacturer's specifications & direction of Engineerin- Charge. 80mm thick Cement concrete paver block of M-30 grade with approved colour, design & pattern.	1234.00	Sqm	810.00	998540.00
46	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid.	1.00	Nos	3000.00	3000.00
47	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap.	2.00	Nos	100.00	200.00
48	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe : 32mm dia.	2.00	Nos	200.00	400.00
49	Providing and fixing 3 layer PP-R (Polypropylene Random copolymer) pipes SDR 7.4 U.V stabilized and anti- microbial fusion welded, i/c all PP-R plain and brass threaded polypropylene random fittings, clamps as required exposed on wall and making the same: (A) 3 layer PP-R pipe (PN-16/SDR 7.4) 25 mm outer dia	15.00	Mtr	350.00	5250.00

21/02/21

50	Providing and fixing 3 layer PP-R (Polypropylene Random copolymer) pipes SDR 7.4 U.V. stabilized and anti- microbial fusion welded, i/c all PP-R plain and brass threaded polypropylene random fittings, clamps as required exposed on wall and making the same: (A) 3 layer PP-R pipe (PN-16/SDR 7.4) 32 mm outer dia	25.00	Mtr	350.00	8750.00
51	Providing and fixing 3 layer PP-R (Polypropylene Random copolymer) pipes SDR 7.4 U.V. stabilized and anti- microbial fusion welded, i/c all PP-R plain and brass threaded polypropylene random fittings, clamps as required with trenching, refilling and testing of joints complete as per direction of the engineer in charge. (A) 3 layer PP-R pipe (PN-16/SDR 7.4) 50 mm outer dia Note:- Pipe shall be laid at a depth of min 1.00 meter	50.00	Mtr	450.00	22500.00
52	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 25 mm nominal bore.	2.00	Nos	850.00	1700.00
53	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 50mm nominal bore	1.00	Nos	80.00	80.00
54	Providing and fixing uplasticsed PVC connection pipe with brass unions 45 cm length 15 mm nominal bore.	3.00	Nos	100.00	300.00
55	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. Circular tank.	1000.00	litre	10.00	10000.00
56	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931, 15mm nominal bore	3.00	Nos	2400.00	7200.00
57	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. 100x100 mm size 'P' type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5.	2.00	Nos	500.00	1000.00
58	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 150mm dia RCC pipe.	241.00	m	450.00	108450.00
59	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).	504.00	Kg	380.00	191520.00
60	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 Powder coated aluminium (minimum thickness of powder coating 50 micron).	158.00	Kg	550.00	86900.00

21/02/21

61	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) Powder coated aluminium (minimum thickness of powder coating 50 microns).	126.00	Kg	1050.00	132300.00
62	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc, complete as per architectural drawings and directions of Engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides.	12.00	Sqm	1150.00	13800.00
63	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 5.50 mm thickness.	24.00	Sqm	1050.00	25200.00
64	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	5.00	Nos	90.00	450.00
65	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete. Powder coated minimum thickness 50 micron aluminium.	10.00	Nos	90.00	900.00
66	Providing and fixing aluminium round shape handle of outer dia 100mm with SS screws etc. complete as per direction of Engineer-in-charge. Powder coated minimum thickness 50 micron aluminium.	10.00	Nos	350.00	3500.00
67	Providing and fixing unplasticised PVC health faucet of approved quality and colour as per the direction of engineer in charge).	1.00	Nos	250.00	250.00
68	Providing and fixing unplasticised Rigid PVC moulded fittings/accessories, to pvc drainage pipe, jointing with solvent cement etc. complete as directed by the engineer in charge. 110 mm dia FLOOR PVC Trap with stainless steel gratings.	2.00	Nos	750.00	1500.00
69	Providing and fixing unplasticised Rigid PVC moulded fittings/accessories, to pvc drainage pipe, jointing with solvent cement etc. complete as directed by the engineer in charge. 110 mm dia PVC Door Elbow.	1.00	Nos	450.00	450.00
70	Providing and fixing unplasticised Rigid PVC moulded fittings/accessories, to pvc drainage pipe, jointing with solvent cement etc. complete as directed by the engineer in charge. 110 mm dia PVC Door Tee.	1.00	Nos	375.00	375.00
71	Providing and fixing unplasticised Rigid PVC moulded fittings/accessories, to pvc drainage pipe, jointing with solvent cement etc. complete as directed by the engineer in charge. 110 mm dia PVC Elbow.	6.00	Nos	220.00	1320.00
72	Providing and fixing unplasticised Rigid PVC moulded fittings/accessories, to pvc drainage pipe, jointing with solvent cement etc. complete as directed by the engineer in charge. 110 mm dia PVC SHOE BEND.	5.00	Nos	320.00	1600.00
73	Providing and fixing unplasticised Rigid PVC moulded fittings/accessories, to pvc drainage pipe, jointing with solvent cement etc. complete as directed by the engineer in charge. 110 mm dia PVC TEE.	5.00	Nos	280.00	1400.00
74	Providing and fixing unplasticised Rigid PVC moulded fittings/accessories, to pvc drainage pipe, jointing with solvent cement etc. complete as directed by the engineer in charge. 110 mm dia PVC BEND.	5.00	Nos	295.00	1475.00
75	Providing and fixing unplasticised Rigid PVC 6 kg/l pipes conforming to IS including jointing with solvent cement etc. complete as directed by the engineer in charge. 110 mm dia pipe.	50.00	Mtr	250.00	12500.00

Placed

76	Providing and fixing unplasticised Rigid PVC 6 kg/f pipes conforming to IS including jointing with solvent cement etc. complete as directed by the engineer in charge 50 mm dia pipe.	25.00	Mtr	180.00	4500.00
77	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 40 mm dia nominal bore	143.00	m	260.00	37180.00
78	Providing & laying in position Closed Cell Class O Nitrile Rubber Elastomeric Insulation of Density 40 - 55 Kg/m ³ , Thermal Conductivity of 0.037 W/mk at 20 Degree Celcius Mean Temp. and $\mu \geq 7000$ (without any additional vapour barrier), for PPR pipes over the length of pipe and forming insulation cover for bends and tees at joints with adhesives having VOC less than 50grams/litre, all complete as per manufacturer's specifications and direction of Engineer-In-Charge. (Length of piping will be measured for payment) 50 mm. O.D. Pipes. (13mm thick insulation)	50.00	Mtr	335.00	16750.00
79	Providing & laying in position Closed Cell Class O Nitrile Rubber Elastomeric Insulation of Density 40 - 55 Kg/m ³ , Thermal Conductivity of 0.037 W/mk at 20 Degree Celcius Mean Temp. and $\mu \geq 7000$ (without any additional vapour barrier), for PPR pipes over the length of pipe and forming insulation cover for bends and tees at joints with adhesives having VOC less than 50grams/litre, all complete as per manufacturer's specifications and direction of Engineer-In-Charge. (Length of piping will be measured for payment) 25 mm nominal dia .Pipes. (19mm thick insulation)	15.00	Mtr	190.00	2850.00
80	Providing & laying in position Closed Cell Class O Nitrile Rubber Elastomeric Insulation of Density 40 - 55 Kg/m ³ , Thermal Conductivity of 0.037 W/mk at 20 Degree Celcius Mean Temp. and $\mu \geq 7000$ (without any additional vapour barrier), for PPR pipes over the length of pipe and forming insulation cover for bends and tees at joints with adhesives having VOC less than 50grams/litre, all complete as per manufacturer's specifications and direction of Engineer-In-Charge. (Length of piping will be measured for payment) 32 mm O.D. Pipes. (13mm thick insulation)	25.00	Mtr	310.00	7750.00
81	Designing of RCC footings, columns, beams, slabs etc. for Frame structure as per the enclosed plan or as directed by Engineer-in-charge. The item includes preparation of preliminary sketches, detailed working drawings, Soil testing, RCC mix design, preparation of structural designs and providing at least three sets of structural drawing for the same. Detailed structural design and drawings of DVOR Building complete as per scope of work including vetting through NIT/govt. Institute as per direction of Engineer-In-Charge.	1.00	Job	150000.00	150000.00
82	Internal Electrification, DB & Light Fixture Supplying and fixing following way, three pole and neutral, MCB distribution board, 415 volts, 'C' Curve on surface/ recess, complete with tinned copper busbars, neutral link, earth bar, din bar, detachable gland plate, cable end box interconnections, phosphatized and powder painted including earthing etc. as required (but without MCB/RCCB/Isolator). 8 way (4 + 24), Prewired Vertical double door, vertical type.	2.00	Each	4600.00	9200.00
83	Supplying and fixing following way, three pole and neutral, MCB distribution board, 415 volts, 'C' Curve on surface/ recess, complete with tinned copper busbars, neutral link, earth bar, din bar, detachable gland plate, cable end box interconnections, phosphatized and powder painted including earthing etc. as required (but without MCB/RCCB/Isolator). 4 way (4 + 12), Prewired Vertical double door, vertical type.	2.00	Each	3100.00	6200.00
84	Supplying and fixing 63 Amps C Series FP MCB rating, 415 volts, miniature circuit breaker in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.	4.00	Each	1000.00	4000.00
85	Supplying and fixing of following rating, 240/415 volts, '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 reqd. 32 Amps TP MCB	8.00	Each	600.00	4800.00
86	Supplying and fixing of following rating, 240/415 volts, '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 reqd. 6 to 32 Amps SP MCB	36.00	Each	200.00	7200.00
87	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	25.00	Point	900.00	22500.00

21/02/21

88	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	315.00	Meter	265.00	83475.00
89	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.	11.00	Each	401.00	4411.00
90	Supplying and fixing suitable size GI box with modular plate and cover in FRLS on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	12.00	Each	495.00	5940.00
91	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 x 2.5 + 1 X 2.5 sq. mm earth wire	125.00	Meter	230.00	28750.00
92	Supplying and fixing of following sizes of steel conduit along with accessories in surface / recess including painting in case of surface conduit or cutting the wall and making good the same in case of recessed conduit as required. (For Telephone and Fire alarm system). 20mm	100.00	Meter	146.00	14600.00
93	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Telephone socket outlet	4.00	Each	119.00	476.00
94	Supplying and fixing following size/ modules. GI box alongwith modular base & cover plate for modular switches in recess etc. as required. 1 or 2 Module (75mmX75mm)	4.00	Each	243.00	972.00
95	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	10.00	Each	100.00	1000.00
96	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	5.00	Each	1500.00	7500.00
97	Supply of surface /recess mounting type 34/36 W, 2'x2' LED type Luminaire fitted with white colour LED suitable to operate 230V, 50Hz AC supply (Make: C & S Electric Model - CYGNUS CS/36W/2X2/W, MAKE Havells -PLUTO NEO PANEL 2X2 Model LUTONEO2X2PLR34WLED840S or equivalent as in approved make list)	17.00	Each	3000.00	51000.00
98	Supply of outdoor type flood light 30W, LED Luminaire fitted with white colour LED suitable to operate 230V, 50Hz AC supply. (Make: C & S Electric Model -ORION- 1.0/30W or Havells Model-Centura Plus 30 W LED 6500 K LHEECNP71B6K030 or equivalent as in approved make list.	4.00	Each	1800.00	7200.00
99	Supply of 300 mm dia, single phase 240 Volts exhaust fan complete with all accessories such as, motor, blade, louvers, capacitor etc. including all accessories as required. (Havells turbo force or equivalent)	4.00	Each	1200.00	4800.00
100	Installation, Testing, Commissioning of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required.	17.00	Each	100.00	1700.00
101	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required. Upto 450 mm sweep	4.00	Each	100.00	400.00
102	Installation, testing and commissioning of outdoor type flood light 30W, LED Luminaire i/c interconnection complete as required.	4.00	Each	100.00	400.00
103	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.	2.00	Each	100.00	200.00
104	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	20.00	Meter	4000.00	80000.00
105	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	40.00	Meter	44.00	1760.00

7/10/21

106	Supply of following size of 1.1kv grade multicore aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 (Part - I) with upto date amendments. 4 core, 25 Sq.mm (equipment DB incomer)	30.00	Meter	57.00	1710.00
107	Supply of following size of 1.1kv grade multicore aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 (Part - I) with upto date amendments. 4 core, 16 Sq.mm (Light)	10.00	Meter	200.00	2000.00
108	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Upto 35 sq. mm (clamped with 1mm thick saddle)	40.00	Meter	180.00	7200.00
109	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 4 core, 25 Sq.mm. AL Cable	6.00	Sets	400.00	2400.00
110	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 4 core, 16 Sq.mm. AL cable	2.00	Sets	300.00	600.00
				Total	66,80,223.00
				Rebate	NIL
				Total Amount	66,80,223.00



(Sign of Issuing Authority)

(Sign of Contractor)

Signature Not Verified

Digitally signed by Rakesh Chandran S
Date: 2020.05.18 13:26:43 IST
Location: eProcurement System for Central PSUs