

(पंजीकृत डाक)

संदर्भ: भाविप्रा/रापु/अभि(सि)/ वरि.प्र.(अभि-सि)/परिचालन सीमा दीवार/2024/755-67

दिनांक:- 08.05.2024

सेवा में,

To,

मैसर्स अवधेश कंस्ट्रक्शन,
220, ए.पी. कॉलोनी,
गया, बिहार-823001

M/s Awadhesh Construction,
220, A.P. Colony,
Gaya, Bihar-823001

विषय: स्वामी विवेकानन्द हवाई अड्डा, रायपुर में ओटीबी से गेट नंबर 04 तक आर.सी.सी. फ्रेम वाली ऑपरेशनल बाउंड्री वॉल का निर्माण के साथ अन्य विविध सिविल कार्य।

निविदा क्रमांक : 2024_AAI_191543_1

Sub: Construction of RCC framed Operational Boundary wall from OTB to Gate no. 04 along with other miscellaneous civil works at S.V. Airport, Raipur.

Tender ID: - 2024_AAI_191543_1

संदर्भ: आपकी ई-निविदा जो दिनांक 17.04.2024 को खोली गयी।

Ref: Your E-tender opened on 17.04.2024

महोदय/Sir,

- उपरोक्त कार्य के लिए आपकी मदद दर निविदा आपके द्वारा उद्धरित राशि रु. 52,25,227/- (रुपये बावन लाख पच्चीस हजार दो सौ सत्ताईस मात्र) जो कि अनुमानित लागत रु. 73,55,000/- (जी.एस.टी. छोड़कर) से 28.96% नीचे है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकार किया जाता है।

Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to Rs. 52,25,227/- (Rupees Fifty-Two Lakhs Twenty-Five Thousand Two Hundred Twenty-Seven only) (Excluding GST) which is 28.96% Below the estimated cost put to tender of Rs. 73,55,000/- (Excluding GST).

- वरिष्ठ प्रबंधक (इंजीनियरिंग-सिविल) भा.वि.प्रा., स्वामी विवेकानंद हवाई अड्डा, रायपुर इस कार्य के प्रभारी अभियंता होंगे। आपसे अनुरोध है, कि कृपया दिनांक 03.06.2024 तक स्वामी विवेकानंद हवाई अड्डा, रायपुर पर अधोहस्ताक्षरकर्ता के कार्यालय में उपस्थित रहकर संविदा करार तथा करार की कार्यवाही पूर्ण करने का कष्ट करें। यह संविदा करार 100/- रुपये (सौ रुपये मात्र) के गैर-न्यायिक स्टैम्प पेपर पर निष्पादित किया जायेगा, जिसका खर्च आपके द्वारा वहन किया जायेगा।

Senior Manager (Engg.-Civil), AAI, Swami Vivekananda Airport, Raipur shall be the Engineer-In-Charge of the work. You are requested to attend the office of the undersigned at Swami Vivekananda Airport, Raipur by 03.06.2024 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.



3. आपके निविदा के साथ प्राप्त धरोहर राशि रुपये 1,47,100/- (रुपये एक लाख सैंतालीस हजार एक सौ मात्र) है। कृपया संविदा करार के पेज नंबर जी.सी.सी-16 पर धारा नं. 1। के अनुसार इस कार्यादेश के जारी होने के तिथि से 10 दिनों के भीतर जमानत जमा के रुपये 3,75,423/- (रुपये तीन लाख पचहत्तर हजार चार सौ तेईस मात्र) इस कार्यालय में जमा कराये अन्यथा यह निविदा दस्तावेज के पेज नंबर जी.सी.सी-16 पर धारा नं. 1A के अनुसार काटा जायेगा।

The Earnest Money amount of Rs. 1,47,100/- (Rupees One Lakhs Forty-Seven Thousand One Hundred Only) received along with your tender. Please deposit Rs. 3,75,423/- (Rupees Three Lakhs Seventy-Five Thousand Four Hundred Twenty-Three Only) towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per condition of Clause no. 1A at Page GCC-16 of tender document.

4. आपसे अनुरोध है कि संविदा करार के पेज नंबर जी.सी.सी-51 पर धारा नं. 19 के अनुसार आप ठेका श्रमिक (विनिमय एवं उन्मूलन) अधिनियम 1970 के उपबंधों का अनुपालन करें, साथ ही ठेका श्रमिक (विनिमय एवं उन्मूलन) केन्द्रीय नियमावली 1971, बाल श्रम (निषेध एवं विनिमय) अधिनियम 1986, निर्माण श्रमिक (रोजगार और सेवा की हालत का विनिमय) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 तथा केन्द्र और राज्य सरकारों के अधिनियमों के प्रावधानों का पूर्णतः अनुपालन करेंगे।

You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central rules 1971, Child Labour (Prohibition & 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 no. 19 on Page no. 51 of GCC of tender and rules of Central and State Governments.

5. आपसे यह भी अनुरोध है कि आप कर्मचारी भविष्य निधि और विविध प्रावधान अधिनियम, 1952 और ई.एस.आई. अधिनियम, 1948 (सभी संशोधनों सहित) एवं उस के अंतर्गत बनाये गये सभी नियमों एवं प्रावधानों का पूर्णतः अनुपालन करेंगे तथा क्षेत्रीय पीएफ आयुक्त द्वारा आबंटित पीएफ खाता कोड संख्या एवं ई.एस.आई. कॉर्पोरेशन द्वारा आबंटित ई.एस.आई. रजिस्ट्रेशन नंबर भी इस कार्यालय में जमा करायेंगे तथा पीएफ खाता कोड और ई.एस.आई. पंजीकरण काम के वास्तविक समापन तक वैध रहें।

You are also requested to comply with all the provision of the employees Provident Fund & Misc. Provision Act, 1952 and ESI Act, 1948 amended from time to time and rules framed there under and furnish the PF account code number allotted by Regional PF Commissioner and ESI Registration number allotted by ESI Corporation and continue to have valid PF account code and ESI registration number till actual completion of the work.

6. आपसे यह भी अनुरोध है कि आप प्रबंधक (अभि.-सि) से अविलम्ब संपर्क करें जो कि आपको साइट हस्तांतरित करने की व्यवस्था करेंगे।

You are also directed to contact Manager (Engg-C) immediately who will arrange to hand over the site to you.



7. कृपया ध्यान दें कि काम करने के लिए अनुमति देने का समय 04 (चार) महीने होगा और इस पत्र के जारी होने के बाद दसवें दिन से माना जायेगा।
Please note that the time allowed for carrying out the work shall be 04 (Four) months and same shall be reckoned from the 10th day after issue of this letter.
8. आगे से इस अनुबंध के संबंध में किसी प्रकार के पत्राचार को प्रभारी अभियंता को संबोधित किया जाना चाहिए।
Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
9. कृपया इस पत्र की प्राप्ति-सूचना और स्वीकृति के प्रतीक रूप में इस पत्र की दूसरी प्रति हस्ताक्षर करने के बाद अधोहस्ताक्षरकर्ता को वापस भेज दें।
Please acknowledge the receipt and return the duplicate copy of this letter after signing it to the undersigned as a token of acceptance.

भवदीय,

संलग्न: अनुसूची-अ



(विवेक चन्द्रवंशी)

वरिष्ठ प्रबंधक (अभि.सि.)

भा.वि.प्रा., एस.व्ही. हवाई अड्डा, रायपुर

Schedule of Quantity

Name of Work: Construction of RCC framed Operational Boundary wall from OTB to Gate no. 04 along with other miscellaneous civil works at S.V. Airport, Raipur.

It. No.	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1	Carriage of earth by mechanical means for a lead of 1 Km including loading, unloading and spreading complete as per the direction of Engineer-In-Charge.	87.00	Cum	140.00	12180.00
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 upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. a) All Kind of soil.	67.00	Cum	125.00	8375.00
3	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. a) All kinds of soil.	350.00	Cum	105.00	36750.00
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.	190.00	Cum	65.00	12350.00
5	Excavating, supplying, stacking and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in foundation trenches, plinth, sides of foundation etc. complete for all lift.	134.00	Cum	375.00	50250.00
6	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. a) All kinds of soil	2.00	Cum	50.00	100.00
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : a) 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	18.00	Cum	4500.00	81000.00
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - a) All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded tone aggregate 40 mm nominal size derived from natural sources)	83.00	Cum	4000.00	332000.00
9	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources)	6.00	Sqm	500.00	3000.00
10	Centering and shuttering including strutting, propping etc. and removal of form for a) Foundations, footings, bases of columns, etc. for mass concrete	116.00	Sqm	300.00	34800.00
11	Centering and shuttering including strutting, propping etc. and removal of form for b) Suspended floors, roofs, landings, balconies and access platform	43.00	Sqm	400.00	17200.00
12	Centering and shuttering including strutting, propping etc. and removal of form for c) Lintels, beams, plinth beams, girders, bressumers and cantilevers	122.00	Sqm	350.00	42700.00
13	Centering and shuttering including strutting, propping etc. and removal of form for d) Columns, Pillars, Piers, Abutments, Posts and Struts	243.00	Sqm	375.00	91125.00
14	Centering and shuttering including strutting, propping etc. and removal of form for e) Small lintels not exceeding 1.5 m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like	360.00	Sqm	405.00	145800.00

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15	Centering and shuttering including strutting, propping etc. and removal of form for i) Edges of slabs and breaks in floors and walls f) Under 20 cm wide	26.00	Metre	50.00	1300.00
16	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level . a) Thermo-Mechanically Treated bars of grade Fe-500D or more	5181.00	Kg	95.00	492195.00
17	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. a) Thermo-Mechanically Treated bars of grade Fe-500D or more.	3611.00	Kg	96.00	346656.00
18	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. (a) All works upto plinth level (i) Concrete of M25 grade with minimum cement content of 330 kg /cum	33.00	Cum	4700.00	155100.00
19	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. (b) All works above plinth level upto floor V level (i) Concrete of M25 grade with minimum cement content of 330 kg /cum	23.00	Cum	4800.00	110400.00
20	Brick work with non modular Fly ash bricks conforming to IS:12894, class designation 5.0 average compressive strength in foundation and plinth in: a) Cement mortar 1:6 (1 cement : 6 coarse sand)	88.00	Cum	4100.00	360800.00
21	Brick work with non modular Fly ash bricks conforming to IS:12894, class designation 5.0 in superstructure above plinth level up to floor V level in all shapes and sizes in : a) Cement mortar 1:6 (1 cement : 6 coarse sand)	52.00	Cum	4300.00	223600.00
22	Half brick masonry with non modular Fly ash bricks conforming to IS:12894, class designation 5.0 in superstructure above plinth level up to floor V level. : a) cement mortar 1:4 (1 cement : 4 coarse sand)	16.00	Sqm	450.00	7200.00
23	Extra for providing and placing in position 2 Nos 6 mm dia. M.S. bars at every third course of half brick masonry.	16.00	Sqm	50.00	800.00
24	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias 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 to edges to give high gloss finish etc. complete at all levels. :- i) Granite stone slab colour black, Cherry/Ruby red or approved by EIC. a) Area of slab over 0.50 sqm	2.00	Sqm	2500.00	5000.00

25	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	2.00	Each	1000.00	2000.00
26	Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, 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. a) Granite Stone of approved shade	2.00	Sqm	850.00	1700.00
27	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: a) 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	13.00	Sqm	2500.00	32500.00
28	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.	6.00	Each	1000.00	6000.00
29	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.	2.00	Each	1700.00	3400.00
30	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : a) 250x16 mm	6.00	Each	150.00	900.00
31	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : a) 150x10 mm	8.00	Each	150.00	1200.00
32	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 a) 125 mm	16.00	Each	75.00	1200.00
33	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. a) Single rubber stopper	4.00	Each	40.00	160.00
34	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. a) Extruded section profile size 48x40 mm	23.00	Metre	1000.00	23000.00

35	Providing and fixing to existing door frames. 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	7.00	Sqm	3500.00	24500.00
36	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. a) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1849.00	Kg	105.00	194145.00
37	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	2.00	Sqm	800.00	1600.00
38	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.	1.00	Sqm	80.00	80.00
39	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. a) Glazed Vitrified tiles Matt/Antiskid finish of size : Size of Tile 600 x 600 mm	28.00	Sqm	850.00	23800.00
40	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. a) Size of Tile 600x600 mm	94.00	Sqm	850.00	79900.00
41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. a) 75 mm diameter	20.00	Metre	150.00	3000.00
42	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. (i) Single socketed pipes. a) 110 mm diameter	28.00	Metre	180.00	5040.00
43	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Coupler - a) 75 mm	5.00	Each	150.00	750.00

44	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Coupler - a) 110 mm	5.00	Each	175.00	875.00
45	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. i) Single tee with door a) 110x110x110 mm	5.00	Each	200.00	1000.00
46	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. i) Single tee without door a) 75x75x75 mm	10.00	Each	200.00	2000.00
47	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. i) Bend 87.5° a) 75 mm bend	15.00	Each	150.00	2250.00
48	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. (i) Bend 87.5° a) 110 mm bend	11.00	Each	100.00	1100.00
49	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. i) Shoe (Plain) a) 110 mm Shoe	2.00	Each	200.00	400.00
50	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. a) 75mm	5.00	Each	25.00	125.00
51	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. a) 110mm	5.00	Each	40.00	200.00
52	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	1.00	Each	250.00	250.00
53	Providing and fixing to the inlet mouth of rain water pipe PTMT (an Engineering Thermoplastic) grating square (Slit) 150 mm square with a height of 8 mm and weighing not less than 100 gms.	10.00	Each	300.00	3000.00

54	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. a) GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns(minimum), including factory painted after bending.	28.00	Sqm	1800.00	50400.00
55	12 mm cement plaster of mix a) 1:6 (1 cement: 6 fine sand)	989.00	Sqm	250.00	247250.00
56	15 mm cement plaster on the rough side of single or half brick wall of mix : a) 1:6 (1 cement: 6 fine sand)	989.00	Sqm	300.00	296700.00
57	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	1978.00	Sqm	85.00	168130.00
58	Finishing walls with Acrylic Smooth exterior paint of required shade : (a) 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	1978.00	Sqm	68.00	134504.00
59	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: a) New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	86.00	Sqm	65.00	5590.00
60	Finishing walls with ready mixed Premium acrylic emulsion paint (Company Depot Tinted) having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade with silicon additives. a) New work (Two or more coats applied @ 1.43 litre/ 10 sqm over and including priming coat of exterior primer applied @0.90 litre/10 sqm.	128.00	Sqm	65.00	8320.00
61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : a) Two or more coats on new work.	145.00	Sqm	70.00	10150.00
62	Lettering with Synthetic enamel paint of approved brand and manufacture.	1556.00	Per letter per cm height	2.00	3112.00
63	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. a) With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	128.00	Sqm	45.00	5760.00
64	Providing and fixing 16 mm M.S. Fan clamps of standard shape and size in existing R.C.C. slab, including cutting chase, anchoring clamp to reinforcement bar, including cleaning, refilling, making good the chase with matching concrete, plastering and painting the exposed portion of the clamps complete.	3.00	Each	50.00	150.00
65	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge	15.00	Cum	800.00	12000.00

66	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. a) In cement mortar	88.00	Cum	250.00	22000.00
67	Dismantling and taking away concertina coil, RBT, barbed wire or flexible wire rope in fencing including making rolls and disposal of unserviceable material etc as per direction of Engineer-in- charge.	50.00	Mtr.	4.00	200.00
68	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 2.4 m 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)	120.00	Mtr.	400.00	48000.00
69	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	1148.00	Sqm	625.00	717500.00
70	Providing and placing in position 100 mm thick factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways , neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick , 100 mm wide MS sheet duly painted over priming coat , reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.	22.00	Sqm	700.00	15400.00
71	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 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: a) White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	2.00	Each	3000.00	6000.00
72	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : a) One urinal basin with 5 litre white P.V.C. automatic flushing cistern	5.00	Each	4500.00	22500.00
73	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: a) White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	3.00	Each	3100.00	9300.00
74	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineering- charge.	3.00	Each	1300.00	3900.00
75	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : a) Rectangular shape 1500x450 mm	1.00	Each	4500.00	4500.00
76	Providing and fixing toilet paper holder : a) C.P. brass	4.00	Each	650.00	2600.00
77	Providing and fixing Stainless Steel towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings. a) 600 mm long towel rail with total length of 645 mm.	2.00	Each	700.00	1400.00

78	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 liters), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	2.00	Each	4500.00	9000.00
79	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (i) Internal work - Exposed on wall a) 25 mm nominal dia Pipes	15.00	Metre	190.00	2850.00
80	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (i) Internal work - Exposed on wall b) 50 mm nominal dia Pipes	50.00	Metre	350.00	17500.00
81	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. i) Concealed work, including cutting chases and making good the walls etc. a) 20 mm nominal dia Pipes	25.00	Metre	200.00	5000.00
82	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : a) 25 mm nominal bore	1.00	Each	500.00	500.00
83	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : a) 50 mm nominal bore	1.00	Each	3500.00	3500.00
84	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : a) 25 mm nominal bore	2.00	Each	300.00	600.00
85	Providing and fixing uplasticised PVC connection pipe with brass unions : a) 45 cm length - 15 mm nominal bore	2.00	Each	150.00	300.00
86	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. a) 15 mm nominal bore	4.00	Each	1600.00	6400.00
87	Providing and Fixing 15 mm nominal bore CP Brass long body bib cock of quarter turn approved quality conforming to IS Standards and weighing not less than 690 gms.	3.00	Each	1450.00	4350.00
88	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15mm nominal bore	7.00	Each	1100.00	7700.00
89	Providing and fixing Health faucet of make or Jaquar "Allied" cat no:573 or kohler cat 98100 IN or equivalent make with 1 metre long Flexible Tube and CP wall hook with PVC & SS Screws including cutting and making good the wall wherever required complete as directed by the Engineer-in-charge.	4.00	Each	1500.00	6000.00
90	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 2.70kg as per standard design: (i) 100x100 mm size P type - a) with non modular Fly ash bricks conforming to IS:12894, class designation 5.0	4.00	Each	4900.00	19600.00

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91	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) : a) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	7.00	Each	17000.00	119000.00
92	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm drybrick honey comb shaft with bricks and S.W. drain pipe 100 mmdiameter, 1.8 m long complete as per standard design. a) with non modular Fly ash bricks conforming to IS:12894, class designation 5.0	1.00	Each	15000.00	15000.00
93	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. a) 450 mm dia RCC pipes	63.00	Rmt	800.00	50400.00
94	Grading roof for water proofing treatment with a) Cement mortar 1:3 (1 cement : 3 coarse sand)	4.00	Cum	4000.00	16000.00
95	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. a) 700 mm dia RCC pipes	102.00	Rmt	1000.00	102000.00
96	Providing and fixing stainless steel grating along with PVC nahani trap etc. as per direction & satisfaction of Engineer-in-Charge. a) 100mm dia	6.00	Each	100.00	600.00
97	Supplying and laying good earth in layers of 20cm finished depth, breaking clods/ over size material, removal of stumps/roots and the like & watering, grading/levelling each layer with dozers/grader and rolling every layer with vibratory roller/ earth compactor of minimum 8-12 tonnes capacity to achieve Min 95% relative compaction (field density) and dressing to the required grade, camber and slope complete as per specifications and as directed by the Engineer-in-charge.(The item includes cost of work, payment of necessary royalty, carriage of good earth upto work site for all leads and lifts involved for compacted quantity only).	69.00	Cum	345.00	23805.00
98	Cutting & Filling good earth in layers of 20cm finished depth, breaking clods/ over size material, removal of stumps/roots and the like & watering, grading/levelling each layer with dozers/grader and rolling every layer with vibratory roller/ earth compactor of minimum 8-12 tonnes capacity to achieve Min 95% relative compaction (field density) and dressing to the required grade, camber and slope complete as per specifications and as directed by the Engineer-in-charge.(The item includes cost of work, payment of necessary royalty, carriage of good earth upto work site for all leads and lifts involved for compacted quantity only).	124.00	Cum	250.00	31000.00
99	Painting AAI logo of size 450 x 750mm (logo shall be painted in blue colour) on AAI perimeter boundary walls with synthitic enamel paint of approved brand and manufacture of required colour to give an even shade using cutting stencil of acrylic sheet of 12mm thick, all complete as per satisfaction and direction of Engg-in-charge.	4.00	Each	500.00	2000.00

Total 5225227.00

Signature Not Verified

Digitally signed by VIVEK CHANDRAWANSHI
Date: 2024.05.13 19:11:46 IST
Location: eProcurement System for Central PSUs