

भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

क्र.भाविप्रा/खजुराहो/अभि-सिविल/CISF Barrack/WO-21/2025-26/1209-12

दिनांक : 22.04.2025

सेवा में,

मेसर्स संवरिया कन्स्ट्रक्शन
HN.11, सिचाई कॉलोनी, सरस्वती
स्कूल के पीछे, छतरपुर, मध्यप्रदेश.
पिन-471001
Phone- 6263783861, 7879747474
Email- sanwariyacost@gmail.com
info@sanwariyagroup.com

To,

M/S Sanwariya Construction
Hn.11, Sichai Colony, Saraswati
School Ke Piche, Chhatarpur,
Madhya Pradesh, 471001
Phone- 6263783861, 7879747474
Email – Sanwariyacost@Gmail.Com
info@sanwariyagroup.com

Name of work:- खजुराहो हवाई अड्डे, खजुराहो में पुराने टर्मिनल भवन को सीआईएसएफ बैरक में संशोधित करना और वाहन गेट पर नए कोटे भवन और मौसम शेड का निर्माण करना।
Modification of Old Terminal Building into CISF Barrack, Construction of New KOTE Building and Erection of weather Shed at Vehicle Gate at Khajuraho Airport, Khajuraho.

Tender ID:- 2025_AAI_224755_1

संदर्भ/Ref.:-1 निविदा खोली-05.03.2025. Your tender dated 05.03.2025

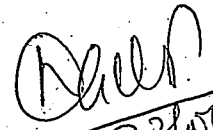
महोदय/Sir,

1. ऊपर उल्लिखित कार्य हेतु आपका ई-टेण्डर, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकार किया जाता है। आपके द्वारा डाले गए मद दरें रुपये **2,11,29,030.00** जी.एस.टी. रहित (दो करोड़ ग्यारह लाख उन्तीस हजार तीस रुपये मात्र) है जोकि अनुमानित लागत रुपये **2,42,48,000.00** जी.एस.टी. रहित (दो करोड़ ब्यालीस लाख अड़तालीस हजार रुपये मात्र) से **12.86%** (बारह दशमलव आठ छः प्रतिशत) नीचे है।

Your e-tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rate quoted by you totalling to **Rs.2,11,29,030.00 without GST** (Rupees Two Crore Eleven Lakhs Twenty Nine Thousand Thirty Only) which is **12.86%** (Twelve point Eight Six percent) below the estimated cost put to tender of **Rs. 2,42,48,000.00** (Rupees Two Crore Forty Two Lakhs Forty Eight Thousand only) (without GST).

2. सहा. महाप्रबंधक (अभियांत्रिकी-सिविल) भा.वि.प्रा., खजुराहो हवाई अड्डा, खजुराहो इस कार्य के कार्य-प्रभारी अभियंता होंगे। आपसे अनुरोध है कि दिनांक **07.05.2025** तक सहा. महाप्रबंधक (अभियांत्रिकी-सिविल), भा.वि.प्रा., खजुराहो हवाई अड्डा, खजुराहो के कार्यालय में उपस्थित हो कर ठेका अनुबंध को हस्ताक्षरित करें। अनुबंध रुपये **500.00** (रुपये पांच सौ मात्र) के गैर न्यायिक स्टाम्प पेपर पर सम्पादित किया जायेगा, स्टाम्प पेपर की कीमत आपके द्वारा वहन की जाएगी।

The Asst General Manager. (Engg-Civil), AAI, Khajuraho Airport, Khajuraho, shall be the Engineer-in-charge of the work. You are requested to attend the office of the Asst. General Manager (Engg-Civil), AAI, Khajuraho Airport, Khajuraho by **07.05.2025** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 500.00 (Rupees Five Hundred only) and the cost of stamp paper shall be borne by you.


22/04/2025

3. निविदा के साथ प्राप्त पेशगी राशि रुपये **7,27,000.00** (सात लाख सत्ताईस हजार रुपये) सीपीपी पोर्टल के माध्यम से वापस कर दिए जाएंगे, इसलिए कृपया उपरोक्त ईएमडी राशि रुपये **7,27,000.00** रुपये एएआई, खजुराहो बैंक खाता स.- **31926390725 and IFSC -- SBIN0002863 (SBI)** में तुरंत जमा करें और इसे अनुबंध दस्तावेज़ के अनुसार धरोहर राशि के एक हिस्से के रूप में माना और परिवर्तित किया जाएगा। कृपया शेष धरोहर राशि जमा करें। इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर रुपये **13,85,903.00** (तैरह लाख पचासी हजार नौ सौ तीन रुपये मात्र) जमा करें, ऐसा न करने पर अनुबंध दस्तावेज़ के पृष्ठ संख्या 16 पर खंड संख्या 1 (ए) की शर्तों के अनुसार चालू बिलों से कटौती की जाएगी।

The earnest money amount to Rs.7,27,000.00 (Rupees Seven Lakhs Twenty Seven Thousand only) received along with your tender will be refunded through CPP portal, hence kindly immediately deposit the above EMD amount of **Rs. 7,27,000.00** to **AAI, Khajuraho** Bank Account no- **31926390725 and IFSC -- SBIN0002863 (SBI)** and it will be treated and converted as a part of security deposit as per the contract document. Please deposit balance security deposit **Rs.13,85,903.00** (Rupees Thirteen Lakhs Eighty Five Thousand Nine Hundred Three only) within 10 days from the date of issue of this letter, failing which the same will be deducted from running bills as per Condition of clause no. 1 (A) at page no 16 of the contract document.

4. आपसे अनुरोध है, कि ठेका श्रमिक (विनियम एवं उन्मूलन) अधिनियम 1970 और ठेका श्रमिक (विनियम एवं उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियम) अधिनियम 1986 निर्माण श्रमिक (रोजगार का विनियम और सेवा की शर्त) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकरण अधिनियम 1996, जीसीसी के खण्ड 19 में निर्दिष्ट केन्द्र और राज्य सरकार के अद्यतन संशोधन सहित प्रावधानों का पालन करें।

You are requested to comply with the provision of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central rules 1971 child labour (Prohibition and Regulation) Act 1986, construction workers (Regulation of Employment and Condition of Service) Act 1996, Building and construction works welfare cess Act 1996 as specified in clause 19 on page 49 of GCC of tender and Rules of Central and State Governments with upto date amendments.

5. आपको निर्देशित किया जाता है, कि आप तुरंत प्रभाव प्रबंधक (अभियांत्रिकी-सिविल), खजुराहो हवाई अड्डा, खजुराहो से सम्पर्क करें जो आपको कार्यस्थल सौंपने की व्यवस्था करेंगे।

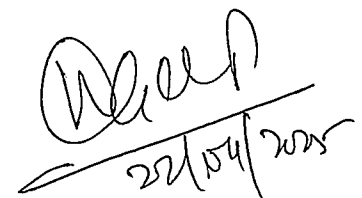
You are also directed to contact the Manager (Engg-Civil), Khajuraho Airport, Khajuraho, immediately who will arrange to hand over the site to you.

6. कृपया ध्यान दें कि कार्य पूर्ण करने के लिये 06 (छः) महीने का समय दिया जायेगा, जो कि कार्यारंभ जारी करने की दिनांक के दस दिन बाद से प्रभावी माना जाएगा।

Please note that the time allowed for carrying out the work shall be 06 (Six) months and the same shall be reckoned from the 10th day after issue of this letter.

7. निविदा के सन्दर्भ में किसी प्रकार का पत्राचार सामान्यतः कार्य-प्रभारी अभियंता, जोकि सहा. महाप्रबंधक (अभियांत्रिकी-सिविल), भा.वि.प्रा., खजुराहो हवाई अड्डा, खजुराहो है, को सम्बोधित करें।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-Charge i.e. Asst General Manager (Engg-Civil), AAI, Khajuraho Airport, Khajuraho.



22/05/2025

8. कृपया इस पत्र की पावती भेजे एवं पत्र की अनुलिपि जोकि संलग्न है को हस्ताक्षरित कर अधोहस्ताक्षरी को स्वीकृत चिन्ह के रूप में वापस करें।

Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

9. हिन्दी संस्करण एवं अंग्रेजी संस्करण में त्रुटि या असंगतता पाये जाने पर, अंग्रेजी संस्करण में लिखा हुआ कार्य-आदेश संस्करण को सही माना जायेगा।

In case of any difference or ambiguity in Hindi and English version, the English version will be prevail.

भवदीय / Yours faithfully,

संलग्नक / **Enclosures**

1. Schedule of quantity with your quoted rates.

नीरज चौंसिया / Neeraj Chaurasia
महाप्रबंधक (अभि-सिविल)

Asstt. Gen. Mgr (Engg-Civil)

भा.वि.प्रा., खजुराहो विमानतल
AAI, Khajuraho Airport

General Manager (Engg-Civil)

खजुराहो हवाई अड्डा, खजुराहो

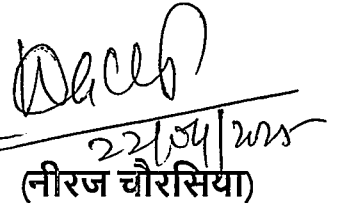
Khajuraho Airport, Khajuraho

कृत तथा ओरसे

For and on behalf of

अध्यक्ष, भाविप्रा

the Chairman, AAI


22/04/2023
(नीरज चौंसिया)

प्रीतिलिपि / Copy to:-

बाह्य / External:

1. क्षेत्रीय भविष्य निधि आयुक्त, ईपीएफ उप क्षेत्रीय कार्यालय, योजना क्रमांक 5, कृषि उपज मंडी क्षेत्र, विजय नगर, जबलपुर - 482002 (म.प्र.)
Regional Provident Fund Commissioner, EPF Sub Regional Office, Scheme No. 5, Krishi Upaj Mandi area, Vijay nagar, Jabalpur -482002 (M.P.)
2. श्रमायुक्त, ब्लॉक क्रमांक 10, मरहाताल, जबलपुर-482002 (म.प्र.)
Labour Commissioner, Block No. 10, Marhatal, Jabalpur-482002 (M.P.)

आंतरिक / Internal:

1. निदेशक विमानपत्तन, एएआई, खजुराहो एयरपोर्ट – सूचनार्थ ।
Airport Director, AAI Khajuraho Airport- for information please.
2. उप महाप्रबंधक (अभि-सिविल), भाविप्रा, क्षेत्रीय मुख्यालय, उ.क्षे., IGI विमानतल, ATC कॉम्प्लेक्स, नई दिल्ली-110037
Dy General Manager (Engg-C), AAI, RHQ-NR, IGI Airport, ATC complex, New Delhi -110037
3. प्रबन्धक (वित्त), एएआई, खजुराहो एयरपोर्ट – सूचनार्थ ।
Manager (F&A), AAI, Khajuraho Airport- for information please.
4. प्रबन्धक (अभि-इलेक्ट्रिकल), एएआई, खजुराहो एयरपोर्ट – सूचनार्थ ।
Manager (E-E), AAI, Khajuraho Airport.
5. प्रबन्धक (अभि-सिविल), एएआई, खजुराहो एयरपोर्ट – सूचनार्थ ।
Manager (E-C), AAI, Khajuraho Airport.
6. अनुबंध की प्रति ।
Agreement copy.
7. कार्य फ़ाइल ।
Work file.

नीरज चौंसिया / Neeraj Chaurasia
महायक महाप्रबंधक (अभि-सिविल)
Asstt. Gen. Mgr (Engg-Civil)
भा.वि.प्रा., खजुराहो एयरपोर्ट
AAI, Khajuraho Airport


22/04/2015

(नीरज चौंसिया)
(Neeraj Chaurasia)

महायक महाप्रबंधक (अभियांत्रिकी-सिविल),
खजुराहो हवाई अड्डा, खजुराहो
Asstt. General Manager (Engg-Civil)
Khajuraho Airport, Khajuraho

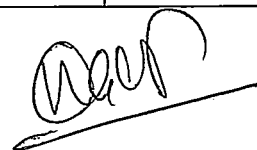
SCHEDULE OF QUANTITY

Name of work: Modification of Old Terminal Building into CISF Barrack, Construction of New KOTE Building and Erection of weather Shed at Vehicle Gate at Khajuraho Airport, Khajuraho

Name of Agency: M/S Sanwariya Construction

Tender ID : 2025_AAI_224755_1

Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
1	CARRIAGE OF MATERIALS By Manual Labour including loading, unloading and stacking for lead less than 0.50 KM: Lime, moorum, building rubbish	cum	100	150.00	₹ 15,000.00
2	CARRIAGE OF MATERIALS By Manual Labour including loading, unloading and stacking for lead less than 0.50 KM: Bricks	1000 nos	12.00	300.00	₹ 3,600.00
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 upto 1000 m and for all lift, as directed by Engineer-incharge. : All kinds of soil	cum	545.40	100.00	₹ 54,540.00
4	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 Engineerin- charge. a) Ordinary rock	cum	112.10	350.00	₹ 39,235.00
5	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, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 500m. All kinds of soil.	cum	334.50	175.00	₹ 58,537.50
6	Excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, 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	mtr	200.00	280.00	₹ 56,000.00
7	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 and for all lift.	cum	271.40	100.00	₹ 27,140.00
8	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil	Sqm	800.00	25.00	₹ 20,000.00
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) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	7.00	5000.00	₹ 35,000.00
10	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-II) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	Cum	126.20	4500.00	₹ 5,67,900.00



Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
11	Centering and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases for columns	sqm	53.30	350.00	₹ 18,655.00
12	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centring, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20mm nominal size derived from natural source)	cum	179.70	6500.00	₹ 11,68,050.00
13	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-II) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	33.30	7000.00	₹ 2,33,100.00
14	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	61.30	7500.00	₹ 4,59,750.00
15	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns , etc. for mass concrete	Sqm	195.60	300.00	₹ 58,680.00
16	Centering and shuttering including strutting, propping etc. and removal of form for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	Sqm	534.70	500.00	₹ 2,67,350.00
17	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform	sqm	255.40	500.00	₹ 1,27,700.00
18	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	393.10	500.00	₹ 1,96,550.00
19	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	142.90	500.00	₹ 71,450.00
20	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. 10mm Dia bars	kg	20123.80	80.00	₹ 16,09,904.00
21	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level . Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	10112.70	80.00	₹ 8,09,016.00
22	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	62.70	6000.00	₹ 3,76,200.00
23	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	51.00	6000.00	₹ 3,06,000.00
24	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	266.80	600.00	₹ 1,60,080.00

Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
25	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)	Sqm	763.30	600.00	₹ 4,57,980.00
26	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 of edges to give high gloss finish etc. complete at all levels. Granite stone slab of all colour and texture except black, Cherry/Ruby red Area of slab over 0.50 sqm	Sqm	39.25	3000.00	₹ 1,17,750.00
27	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.	Sqm	185.40	900.00	₹ 1,66,860.00
28	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	cum	1.70	65000.00	₹ 1,10,500.00
29	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) nondecorative 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: 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	98.30	1700.00	₹ 1,67,110.00
30	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete (Copper oxidised as per IS 1378) 250x16 mm	each	150.00	140.00	₹ 21,000.00
31	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete (Copper oxidised as per IS 1378) 200x10 mm	each	100.00	40.00	₹ 4,000.00
32	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete (Copper oxidised as per IS 1378) 125 mm	each	100.00	25.00	₹ 2,500.00
33	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	each	50.00	80.00	₹ 4,000.00
34	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.	each	50.00	850.00	₹ 42,500.00
35	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 : 200x10 mm	Each	3.00	70.00	₹ 210.00
36	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 : 100 mm	Each	130.00	45.00	₹ 5,850.00

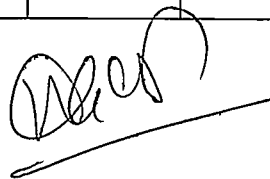
Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
37	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be jointed with galvanized brackets 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. Extruded section profile size 48x40 mm	mtr.	135.00	190.00	₹ 25,650.00
38	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).	sqm	64.00	2100.00	₹ 1,34,400.00
39	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete. With 12 mm mild steel U beading	sqm	35.70	800.00	₹ 28,560.00
40	Structural steel work riveted , bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	9362.30	100.00	₹ 9,36,230.00
41	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. a) 80x0.90 mm M.S. laths with 0.90 mm thick top cover	sqm	8.40	2200.00	₹ 18,480.00
42	Providing and fixing T-iron frames for doors , windows and ventilators of mild steel Tee sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. 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).	Kg	2320.50	110.00	₹ 2,55,255.00
43	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	Kg	3930.90	135.00	₹ 5,30,671.50
44	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg	779.10	80.00	₹ 62,328.00

Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
45	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 stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	Kg	315.00	90.00	₹ 28,350.00
46	Steel work welded in built up sections/ framed work , including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	3992.50	135.00	₹ 5,38,987.50
47	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. E.R.W tubes	Kg	210.00	150.00	₹ 31,500.00
48	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 4.0 mm thick glass panes	Sqm	9.50	800.00	₹ 7,600.00
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	Sqm	93.60	450.00	₹ 42,120.00
50	Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete.	Cum	21.30	5500.00	₹ 1,17,150.00
51	Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). Dark shade pigment using ordinary cement		50.00	800.00	₹ 40,000.00
52	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except 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 @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete.	Sqm	7.20	750.00	₹ 5,400.00
53	Providing and fixing 1st quality ceramic glazed floor 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.	Sqm	250.00	850.00	₹ 2,12,500.00
54	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 tiles Matt/Antiskid finish of size Size of Tile 600 x 600 mm	Sqm	217.50	1100.00	₹ 2,39,250.00

Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
55	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gm/m ²	mtr	36.00	800.00	₹ 28,800.00
56	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 75 mm diameter	Mtr	42.00	200.00	₹ 8,400.00
57	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. 110 mm diameter	mtr	174.00	280.00	₹ 48,720.00
58	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. Bend 87.5° 110 mm bend	Each	20.00	110.00	₹ 2,200.00
59	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) 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.	Sqm	405.70	550.00	₹ 2,23,135.00
60	Providing and fixing precoated galvanised steel sheet roofing accessories of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) 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 using self drilling/ self tapping screws complete :Ridges plain (500 - 600mm)	mtr	25.00	400.00	₹ 10,000.00
61	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	sqm	3215.00	250.00	₹ 8,03,750.00
62	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	Sqm	173.40	300.00	₹ 52,020.00
63	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	Sqm	57.80	275.00	₹ 15,895.00
64	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	Sqm	253.50	240.00	₹ 60,840.00
65	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour : New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	Sqm	6467.10	100.00	₹ 6,46,710.00

Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
66	Finishing walls with water proofing cement paint of required shade : a) New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	285.40	80.00	₹ 22,832.00
67	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	Sqm	145.10	100.00	₹ 14,510.00
68	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : 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	Sqm	250.00	110.00	₹ 27,500.00
69	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	Sqm	525.00	105.00	₹ 55,125.00
70	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	sqm	1000.00	175.00	₹ 1,75,000.00
71	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.	Sqm	6681.70	100.00	₹ 6,68,170.00
72	Distempering with 1st quality acrylic distemper (ready mixed) having VOC (Volatile Organic Compound) content less than 50 gram/ litre, of approved brand and manufacturer including applying additional coats wherever required to achieve even shade and colour Old work (one or more coats)	Sqm	1000.00	50.00	₹ 50,000.00
73	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. Complete	Sqm	4711.10	15.00	₹ 70,666.50
74	Finishing walls with Acrylic Smooth exterior paint of required shade : old work (Two or more coat applied @ 1.67 ltr/10 sqm) on existing cement paint surface	Sqm	1474.00	90.00	₹ 1,32,660.00
75	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	Sqm	250.00	420.00	₹ 1,05,000.00
76	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	Sqm	70.00	850.00	₹ 59,500.00
77	Providing and fixing brass curtain rods of wall thickness 1.25 mm with two brass brackets fixed with brass screws and wooden plugs etc. wherever necessary complete. 20 mm diameter.	mtr	150.00	250.00	₹ 37,500.00
78	Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete	each	50.00	190.00	₹ 9,500.00

Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
79	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge	Each	40.00	90.00	₹ 3,600.00
80	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer-in-Charge. (a) Internal Work-Exposed on wall	Mtr	300.00	2.00	₹ 600.00
81	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : 3 mm thick	sqm	900.00	400.00	₹ 3,60,000.00
82	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 - incharge.	cum	166.00	2000.00	₹ 3,32,000.00
83	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	Cum	170.70	1200.00	₹ 2,04,840.00
84	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	Each	32.00	200.00	₹ 6,400.00
85	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area beyond 3 sq. metres	Each	22.00	400.00	₹ 8,800.00
86	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	Kg	641.60	3.50	₹ 2,245.60
87	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	Sqm	1212.60	60.00	₹ 72,756.00
88	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead : 100 mm dia pipe	Mtr	150.00	60.00	₹ 9,000.00
89	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	Each	30.00	80.00	₹ 2,400.00



Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
90	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	Sqm	698.40	40.00	₹ 27,936.00
91	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	60.00	190.00	₹ 11,400.00
92	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be struted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. With G.I. barbed wire	Mtr.	1399.80	15.00	₹ 20,997.00
93	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)	mtr	81.40	250.00	₹ 20,350.00
94	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia 4 mm	Sqm	216.80	550.00	₹ 1,19,240.00
95	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways 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 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. complete all as per direction of Engineer-in- Charge. 80 mm thick C.C. paver block of M-35 grade with approved colour design and pattern.	Sqm	500.00	750.00	₹ 3,75,000.00
96	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 MM sand cast iron Por S trape, 10 litre low level white P.V.C flushing cistern, including flush pipe, with manually controlled device (handlelever) conforming to IS: 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: white Vitreous china Orissa pattern W.C pan of size 580X440 mm with integral type foot rests	Each	5.00	5000.00	₹ 25,000.00



Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
97	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	Each	13.00	5000.00	₹ 65,000.00
98	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: One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	20.00	5000.00	₹ 1,00,000.00
99	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	Each	15.00	1800.00	₹ 27,000.00
100	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 510x1040 mm bowl depth 250 mm	Each	3.00	5000.00	₹ 15,000.00
101	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.	Each	20.00	280.00	₹ 5,600.00
102	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	Each	20.00	900.00	₹ 18,000.00
103	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	Each	20.00	800.00	₹ 16,000.00
104	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	Each	20.00	90.00	₹ 1,800.00
105	Providing and fixing 100 mm sand cast Iron grating for gully trap.	Each	50.00	40.00	₹ 2,000.00
106	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 : Rectangular shape 1500x450 mm	Each	25.00	1500.00	₹ 37,500.00
107	Providing and fixing toilet paper holder : C.P. brass	Each	20.00	500.00	₹ 10,000.00
108	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same material with snap fittings of approved quality and colour, weight not less than 105 gms.	Each	25.00	110.00	₹ 2,750.00

Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
109	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.	Each	20.00	575.00	₹ 11,500.00
110	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weight not less than 300 gms.	Each	25.00	575.00	₹ 14,375.00
111	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply and 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. Internal work - Exposed on wall 20 mm nominal dia Pipes	mtr	150.00	275.00	₹ 41,250.00
112	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply and 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. Internal work - Exposed on wall 25 mm nominal dia Pipes	mtr	150.00	310.00	₹ 46,500.00
113	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply and 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. Internal work - Exposed on wall 32 mm nominal dia Pipes	mtr	150.00	380.00	₹ 57,000.00
114	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and 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	mtr	150.00	350.00	₹ 52,500.00
115	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and 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	mtr	150.00	400.00	₹ 60,000.00



Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
116	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes , having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and 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. 25 mm nominal dia Pipes	mtr	150.00	425.00	₹ 63,750.00
117	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes , having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 20 mm nominal dia Pipes	mtr	52.50	200.00	₹ 10,500.00
118	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 25 mm nominal dia Pipes	mtr	52.50	250.00	₹ 13,125.00
119	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 32 mm nominal dia Pipes	mtr	202.50	300.00	₹ 60,750.00
120	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 40 mm nominal dia Pipes	mtr	202.50	450.00	₹ 91,125.00
121	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 50 mm nominal dia Pipes	mtr	100.00	550.00	₹ 55,000.00
122	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 80 mm nominal dia Pipes	mtr	50.00	1500.00	₹ 75,000.00



Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
123	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External Work 100 mm nominal outer dia Pipes	mtr	249.80	2200.00	₹ 5,49,560.00
124	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, including making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall : 15 mm dia nominal bore	mtr	25.00	320.00	₹ 8,000.00
125	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, including making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall : 20 mm dia nominal bore	mtr	25.00	400.00	₹ 10,000.00
126	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 25 mm nominal bore	Each	10.00	400.00	₹ 4,000.00
127	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 32 mm nominal bore.	Each	10.00	500.00	₹ 5,000.00
128	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 40 mm nominal bore	Each	10.00	800.00	₹ 8,000.00
129	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 50 mm nominal bore	Each	10.00	280.00	₹ 2,800.00
130	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 15 mm nominal bore	Each	11.00	75.00	₹ 825.00
131	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length 15 mm nominal bore	Each	50.00	180.00	₹ 9,000.00
132	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 150 mm diameter	Each	15.00	200.00	₹ 3,000.00
133	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in reinforced cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size), including necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design : With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	Each	10.00	1400.00	₹ 14,000.00
134	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.	per ltr.	11000.00	7.00	₹ 77,000.00

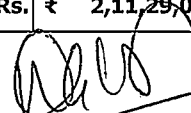
Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
135	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	Each	40.00	380.00	₹ 15,200.00
136	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	Each	50.00	390.00	₹ 19,500.00
137	Providing and fixing PTMT extension nipple for water tank pipe , fittings of approved quality and colour. 15 mm nominal bore, weighing not less than 32 gms	Each	30.00	40.00	₹ 1,200.00
138	Providing and fixing PTMT extension nipple for water tank pipe , fittings of approved quality and colour. 20 mm nominal bore, weighing not less than 40 gms	Each	30.00	75.00	₹ 2,250.00
139	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 : 100 mm dia. R.C.C. Pipe	mtr	50.00	390.00	₹ 19,500.00
140	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 : 150 mm dia. R.C.C. pipe	mtr	50.00	400.00	₹ 20,000.00
141	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 : 250 mm dia. R.C.C. pipe	mtr	50.00	600.00	₹ 30,000.00
142	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 : 1.5coarse 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 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	5.00	9000.00	₹ 45,000.00
143	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design : With 20x20 mm square bar	each	30.00	390.00	₹ 11,700.00
144	Supplying and fixing C.I. cover 300x300 mm without frame for gully trap (standard pattern) the weight of cover to be not less than 4.5 kg	Each	5.00	590.00	₹ 2,950.00

Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
145	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	5.00	4000.00	₹ 20,000.00
146	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	1.00	18000.00	₹ 18,000.00
147	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	kg	2079.30	400.00	₹ 8,31,720.00
148	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 EPD Mrubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	296.30	425.00	₹ 1,25,927.50
149	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 4.0 mm thickness (weight not less than 10kg/sqm)	Sqm	339.30	850.00	₹ 2,88,405.00
150	Providing and Placing in position suitable PVC water stops conforming to IS:12200 for construction/ expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete : a) Dumb bell with central bulb (180 mm wide, 8 mm thick)	Mtr.	315.00	200.00	₹ 63,000.00



Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
151	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in- Charge.	Sqm	145.00	350.00	₹ 50,750.00
152	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI- 212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage : For vertical surface two coats @ 0.70 kg per sqm per coat	Sqm	166.20	300.00	₹ 49,860.00
153	Providing and fixing false ceiling at all heights with integral densified calcium silicate reinforced with fibre and natural filler false ceiling tiles of Size 595x595mm of approved texture, design and patterns as per CPWD Specification 2019, to be laid in true horizontal level suspended on inter-locking metal T-Grid of hot dipped galvanised iron section of 0.33mmthick (galvanized @ 120 grams per sqm including both sides) comprising of main-T runners of size 24x38 mm of length 3000 mm,cross - T of size 24x32 mm of length 1200 mm and secondaryintermediate cross-T of size 24x32 mm of length 600mm to formgrid module of size 600 x 600 mm, suspended from ceiling usinggalvanised mild steel items (galvanizing @ 80 grams per sqm) i.e. 12x50 mm long dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 76x25x25x1.6 mm fixed with grid and Z cleat of size 25x37x25x1.6mm thick with precut hole on both 25mm flange to pierce into 12x50mm or even bigger size dash fastener if require, fixed with Glavanised iron perimeter wall angle or size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450mm center to center and 40 mm long dry wall S.S screws. The workshall be carried out as per specifications, drawing and as per directionsof the Engineer-in-Charge. With 15 mm thick tegular/butt edged without perforation plain/designer light weight calcium silicate Anti-Microbial Bio-Safe coated false ceiling tiles Conforming to JIS-Z2801 and ASTM G-21	Sqm	248.00	1800.00	₹ 4,46,400.00
154	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)	Sqm	1001.80	1300.00	₹ 13,02,340.00

Sl.No	Description of Work / Item(s)	Unit	Qty	Rate	Amount
155	Credit for taking away Serviceable bricks outside AAI premises as per direction of Engineer In charge.	each	12000.00	1.00	₹ -12,000.00
156	Credit for taking away Dismantled Iron outside AAI premises as per direction of Engineer In charge.	KG	567.00	30.00	₹ -17,010.00
157	Credit for taking away Dismantled brass & sanitary fittings outside AAI premises as per direction of Engineer In charge.	KG	500.00	50.00	₹ -25,000.00
158	Providing Engineering consultancy services of structural designers of repute & approved by Engineer in charge for the following jobs : (1) Preparation and submission of structural design (RCC & steel) Of structural members of required design and their drawings duly vetted from Govt. Engg. Colleges. - 3 sets. (2) Submission of Good for construction drawings - 3 sets. (3) Drawing showing plumbing and sewerage system. - 3 sets. (4) Submission of as Built Drawings- 3 sets. Note:-The detailed Engineering consultancy/ drawings are compitable of all statutory requirment of building bylaws and Nothing extra shall be payable in this account.	Job	1.00	150000.00	₹ 1,50,000.00
				Total Rs.	₹ 2,11,29,030.10
				Say Rs.	₹ 2,11,29,030.00


 22/04/2023
 नीरज चौगमिया / Neeraj Chaurasia
 महायक महाप्रबंधक (अभि-सिविल)
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