



**AIRPORTS AUTHORITY OF INDIA
MYSURU AIRPORT, MYSURU-571311**

संख्या/No: AAI/MYS/ENGG(C)/Double Gate/2024-25/1446-53.

दिनांक/Date: 09.09.2024

को,

एमएस। जे जे कंस्ट्रक्शन्स,
ग्राउंड फ्लोर, नंबर 3,
ब्लॉक नंबर 9, एचबीसीएस लेआउट,
सोमनाथ नगर,
केर्गल्ली, मैसूर (मैसूर),
कर्नाटक, 570023

To,

M/s. J J CONSTRUCTIONS,
GROUND FLOOR, NO 3,
BLOCK NO 9, HBSC LAYOUT,
SOMANATHA NAGAR,
KERGALLI, Mysuru (Mysore),
Karnataka, 570023

कार्य का नाम: मैसूर हवाई अड्डे पर कंपाउंड दीवार, बोलाई, सुरक्षा बूथ आदि सहित डबल गेट सुरक्षा प्रणाली का निर्माण। एसएच: सिविल वर्क्स

Name of work: Construction of double gate security system including compound wall, bollards, security booth etc., at Mysuru Airport.SH: Civil Works

संदर्भ : 1) ई-टेंडर आईडी संख्या: 2024_AAI_201538_1

2) आपका ई-टेंडर दिनांक: 14/08/2024 (वित्तीय बोली)

Ref: 1) E-Tender ID No: 2024_AAI_201538_1

2) Your e-tender dated: 14/08/2024 (Financial Bid)

महोदय/Dear Sir,

1. उपर्युक्त कार्य के लिए आपका ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से, आपके द्वारा उद्धृत वस्तु दर पर कुल रु. 53,13,886/- (केवल तिरपन लाख तेरह हजार आठ सौ छियासी रुपये) जो कि निविदा में रखी गई अनुमानित लागत 67,31,452.69 रुपये (सड़सठ हजार इकतीस हजार चार सौ बावन उनसठ रुपये) से 26.68% कम है। केवल)।

Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rate quoted by you Totaling to Rs. 53,13,886/- (Rupees Fifty Three Lakhs Thirteen Thousand Eight Hundred and Eighty Six Only) which is 26.68% below the estimated cost put to tender of Rs 67,31,452.69 (Rupees Sixty Seven Thousand Thirty One Thousand Four Hundred Fifty Two and Sixty Nine Only).

2 वरिष्ठ। प्रबंधक (इंजीनियरिंग-सिविल), इंजीनियरिंग विंग, एएआई, मैसूर हवाई अड्डा कार्य का प्रभारी इंजीनियर होगा। आपसे अनुरोध है कि अनुबंध समझौते पर हस्ताक्षर करने और पूरा करने के लिए 08/10/2024 तक वरिष्ठ प्रबंधक (इंजीनियरिंग-सिविल), इंजीनियरिंग विंग, एएआई, मैसूर हवाई अड्डे के कार्यालय में उपस्थित हों। अनुबंध अनुबंध रुपये के मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा। 200.00 (केवल दो सौ रुपये) और स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

Senior. Manager (Engg-Civil), Engineering Wing, AAI, Mysuru Airport shall be the Engineer-in-charge of the work. You are requested to attend the office of Senior Manager (Engg-Civil), Engineering Wing, AAI, Mysuru Airport by 08/10/2024 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 200.00 (Rupees Two Hundred only) and the cost of the stamp paper shall be borne by you.



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3. कृपया रुपये जमा करें. इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सुरक्षा जमा राशि के रूप में 5,31,389/- (पांच लाख इकतीस हजार तीन सौ उन्नासी रुपये मात्र); ऐसा न करने पर, निविदा दस्तावेज़ के पृष्ठ 16 पर अनुबंध के खंड 1ए के अनुसार आपके चालू बिल से कटौती की जाएगी।

Please deposit Rs. 5,31,389 /-(Rupees Five Lakh Thirty One Thousand Three Hundred and Eighty Nine Only) towards Security Deposit within 10 days from the date of issue of this letter; failing which, the same will be deducted from your running bill as per the Clause 1A of Clauses of Contract on page 16 of the tender document.

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 के प्रावधानों का पालन करें। बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार और सेवाओं की स्थिति का विनियमन)) अधिनियम 1996, भवन एवं अन्य सन्निर्माण कर्मकार कल्याण उपकर अधिनियम 1996 जैसा कि पृष्ठ संख्या 19 के खंड 19 में विनिर्दिष्ट है। निविदा के जीसीसी के 51-57 और केंद्र और राज्य सरकारों के नियम।

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 Services) Act 1996, Building and other Construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no. 51-57 of GCC of tender and rules thereof Central and State Governments.

5. आपसे एतद्वारा अनुरोध किया जाता है कि भविष्य निधि संगठन, और कर्मचारी राज्य बीमा संगठन के साथ खुद को पंजीकृत करवाएं, इन विभागों से आवश्यक पीएफ, और ईएसआई कोड नंबर प्राप्त करें। दस्तावेजों की प्रति इस कार्यालय में प्रस्तुत की जानी चाहिए। इसके अलावा, आपसे अपेक्षित पीएफ, और ईएसआई राशि जमा करने और समय-समय पर रिटर्न की प्रति एएआई को जमा करने का भी अनुरोध किया जाता है।

You are hereby requested to get yourself registered with Provident Fund Organization, & Employees State Insurance Organization, obtain the necessary PF, &ESI Code Numbers from these departments. Copy of the documents should be submitted to this Office. Further, you are also requested to deposit the requisite PF, & ESI amounts and submit copy of periodical returns to AAI.

6. आपको तुरंत वरिष्ठ प्रबंधक-(इंजीनियरिंग-सिविल), एएआई, मैसूर हवाई अड्डे से संपर्क करने का भी निर्देश दिया जाता है जो साइट आपको सौंपने की व्यवस्था करेंगे।

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

7. कृपया ध्यान दें कि कार्य को पूरा करने के लिए अनुमत समय 05 [पांच] महीने होगा जिसमें एक महीना बारिश भी शामिल है और इसकी गणना दिनांक 19.09.2024 से की जाएगी।

Please note that the time allowed for carrying out the work shall be 05 [Five] months including one month rain and same shall be reckoned from the date 19.09.2024.

SM (E-9)



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8. अनुबंध के संबंध में कोई और पत्राचार सामान्य रूप से प्रभारी अभियंता को संबोधित किया जाना चाहिए।

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

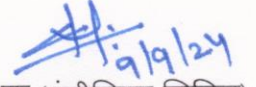
9. कृपया रसीद की पावती दें और इसके साथ संलग्न इस पत्र की डुप्लीकेट कॉपी को स्वीकृति के प्रतीक के रूप में हस्ताक्षर करने के बाद अधोहस्ताक्षरी को लौटा दें।

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

संलग्नक/ Encl:

1. BOQ (07 Pages)

भवदीय/Yours faithfully,



वरिष्ठ प्रबंधक (इंजीनियर-सिविल)

Senior Manager (Engg -Civil)

एएआई, मैसूर एयरपोर्ट, मैसूर

AAI, Mysuru Airport, Mysuru

दा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण।

For and on behalf of Chairman, Airports Authority of India.

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Item Rate BoQ

Tender Inviting Authority: Senior Manager (Engg-c), AAI, Mysuru Airport, Mysuru.

Name of Work: Construction of double gate security system including compound wall, bollards, security booth etc., at Mysuru Airport.SH: Civil Works

Contract No: 2024_AAI_201538_1

Name of
the
Bidder/
Bidding

JJ Constructions

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBE	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Unit BASIC RATE (Inclusive of all Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT (Inclusive of all Excluding GST) Rs. P	TOTAL AMOUNT In Words
1	2	3	4	6	7	8
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.a) All kinds of soil	39.00	Cum	170.00	6630.00	INR Six Thousand Six Hundred & Thirty Only
2	Earth work in excavation by mechanical means (hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m.a) All kinds of soil.	143.00	Cum	210.00	30030.00	INR Thirty Thousand & Thirty Only
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : a) 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	12.00	Cum	5800.00	69600.00	INR Sixty Nine Thousand Six Hundred Only
4	Centering and shuttering including strutting, propping etc. and removal of form for all heights :a) Foundations, footings, bases of columns, etc. for mass concrete	65.00	Sqm	342.00	22230.00	INR Twenty Two Thousand Two Hundred & Thirty Only
5	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : a) Cement mortar 1:6 (1 cement : 6 coarse sand)	43.00	Cum	5500.00	236500.00	INR Two Lakh Thirty Six Thousand Five Hundred Only
6	Centering and shuttering including strutting, propping etc. and removal of form for all heights :b) Lintels, beams, plinth beams, girders, bressumers and cantilevers	187.00	Sqm	342.00	63954.00	INR Sixty Three Thousand Nine Hundred & Fifty Four Only
7	Centering and shuttering including strutting, propping etc. and removal of form for all heights : a) Suspended floors, roofs, landings, balconies and access platform	193.00	Sqm	650.00	125450.00	INR One Lakh Twenty Five Thousand Four Hundred & Fifty Only



8	Centering and shuttering including strutting, propping etc. and removal of form for all heights : a) Columns, Pillars, Piers, Abutments, Posts and Struts	68.00	Sqm	650.00	44200.00	INR Forty Four Thousand Two Hundred Only
9	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) : 4 graded stone aggregate 20 mm nominal size).	13.00	Cum	6500.00	84500.00	INR Eighty Four Thousand Five Hundred Only
10	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : a) 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)	17.00	Cum	6900.00	117300.00	INR One Lakh Seventeen Thousand Three Hundred Only
11	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 :	8.00	Cum	8000.00	64000.00	INR Sixty Four Thousand Only
12	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	26.00	Cum	8000.00	208000.00	INR Two Lakh Eight Thousand Only
13	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 : a) Cement mortar 1:6 (1 cement : 6 coarse sand)	110.00	Cum	9000.00	990000.00	INR Nine Lakh Ninety Thousand Only
14	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete in all level. a) Thermo-Mechanically Treated bars of grade Fe-500 D or more	5100.00	KG	95.00	484500.00	INR Four Lakh Eighty Four Thousand Five Hundred Only
15	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	2020.00	KG	135.00	272700.00	INR Two Lakh Seventy Two Thousand Seven Hundred Only
16	CEMENT PLASTER (IN FINE SAND). 12 mm cement plaster of mix : a) 1:6 (1 cement: 6 fine sand)	517.00	Sqm	350.00	180950.00	INR One Lakh Eighty Thousand Nine Hundred & Fifty Only
17	CEMENT PLASTER (IN FINE SAND) 15 mm cement plaster of mix : a) 1:6 (1 cement: 6 fine sand)	517.00	Sqm	350.00	180950.00	INR One Lakh Eighty Thousand Nine Hundred & Fifty Only
18	Finishing walls with water proofing cement paint of required shade: a) New work (Two or more coats applied @ 3.84 kg/10 sqm)	1400.00	Sqm	90.00	126000.00	INR One Lakh Twenty Six Thousand Only
19	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade a) Two or more coats on new work	180.00	Sqm	160.00	28800.00	INR Twenty Eight Thousand Eight Hundred Only
20	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic compound) content less than 50 grams/litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. a) Two coats	193.00	Sqm	140.00	27020.00	INR Twenty Seven Thousand & Twenty Only
21	Finishing walls with Acrylic Smooth exterior paint of required shade : a) New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	201.00	Sqm	120.00	24120.00	INR Twenty Four Thousand One Hundred & Twenty Only
22	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing : a) 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	7.50	Cum	7500.00	56250.00	INR Fifty Six Thousand Two Hundred & Fifty Only

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SM (E-C)

23	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)	800.00	meter	370.00	296000.00	INR Two Lakh Ninety Six Thousand Only
24	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.	110.00	Cum	190.00	20900.00	INR Twenty Thousand Nine Hundred Only
25	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:(a)Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment.(b)Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.(c)After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer- in-charge. (d)Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer- in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e)The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge :A) With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	131.00	Sqm	1200.00	157200.00	INR One Lakh Fifty Seven Thousand Two Hundred Only
26	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part 1) 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	28.00	Sqm	2778.00	77784.00	INR Seventy Seven Thousand Seven Hundred & Eighty Four Only
27	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	25.00	Sqm	600.00	15000.00	INR Fifteen Thousand Only
28	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all-colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. a) Size of Tile 600x600 mm	90.00	Sqm	1600.00	144000.00	INR One Lakh Forty Four Thousand Only

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sm (E-2)

29	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) : a) For fixed portion - Powder coated aluminium (minimum thickness of powder coating 50 micron)	112.00	Kg	480.00	53760.00	INR Fifty Three Thousand Seven Hundred & Sixty Only
30	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) : a) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) - Powder coated aluminium (minimum thickness of powder coating 50 micron)	150.00	Kg	550.00	82500.00	INR Eighty Two Thousand Five Hundred Only
31	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): a) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	19.00	Sqm	1200.00	22800.00	INR Twenty Two Thousand Eight Hundred Only
32	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer in-charge. a) Pre-laminated particle board with decorative lamination on both sides	50.00	Sqm	1000.00	50000.00	INR Fifty Thousand Only
33	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.a) Hot finished welded type tubes	820.00	Kg	140.00	114800.00	INR One Lakh Fourteen Thousand Eight Hundred Only
34	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	320.00	Kg	95.00	30400.00	INR Thirty Thousand Four Hundred Only
35	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	12.00	Each	110.00	1320.00	INR One Thousand Three Hundred & Twenty Only
36	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	2.00	Each	850.00	1700.00	INR One Thousand Seven Hundred Only

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37	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	2.00	Each	8000.00	16000.00	INR Sixteen Thousand Only
38	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 Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap.	2.00	Each	2300.00	4600.00	INR Four Thousand Six Hundred Only
39	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the wallsetc. a) 20 mm nominal dia Pipes	200.00	Meter	350.00	70000.00	INR Seventy Thousand Only
40	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the wallsetc. b) 32 mm nominal dia Pipes	200.00	Meter	700.00	140000.00	INR One Lakh Forty Thousand Only
41	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. c) 50 mm nominal dia Pipes	200.00	Meter	700.00	140000.00	INR One Lakh Forty Thousand Only
42	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. a)100 mm nominal dia Pipes	200.00	Meter	700.00	140000.00	INR One Lakh Forty Thousand Only
43	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominalsize), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cementconcrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cementcomplete as per standard design :A) 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	2.00	Each	10000.00	20000.00	INR Twenty Thousand Only

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44	Constructing brick masonry circular manhole 1.22 m internal dia at bottom and 0.56 m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand) inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, all complete as per standard design : 1.68 m deep with SFRC Cover and frame (heavy duty HD- 20 grade designation) 560 mm internal diameter conform- ing to I.S. 12592, total weight of cover and frame to be not less than 182 kg. fixed in cement concrete 1:2:4 (1 ce- ment : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete. (Excavation, foot rests and 12 mm thick cement plaster at the external surface shall be paid for separately) a) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Each	25000.00	50000.00	INR Fifty Thousand Only
45	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality.H D - 20 a)Circular shape 560 mm internal diameter	2.00	Each	3000.00	6000.00	INR Six Thousand Only
46	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :A) 150 mm diameter	50.00	Meter	700.00	35000.00	INR Thirty Five Thousand Only
47	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design : a) 150 mm diameter S.W. pipe	50.00	Meter	950.00	47500.00	INR Forty Seven Thousand Five Hundred Only
48	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand),	1.00	Each	800.00	800.00	INR Eight Hundred Only
49	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. a) Circular tank	1000.00	Liter	11.00	11000.00	INR Eleven Thousand Only
50	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 453x357 mm	2.00	Each	1400.00	2800.00	INR Two Thousand Eight Hundred Only
51	Providing and fixing toilet paper holder : a) C.P. brass	2.00	Each	550.00	1100.00	INR One Thousand One Hundred Only
52	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 materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	2.00	Each	150.00	300.00	INR Three Hundred Only
53	Providing and fixing brass bib cock of approved quality : a) 20 mm nominal bore	2.00	Each	350.00	700.00	INR Seven Hundred Only
54	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	2.00	Each	500.00	1000.00	INR One Thousand Only
55	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. Granite of any colour and shade. a) Area of slab over 0.50 sqm	3.00	Sqm	5000.00	15000.00	INR Fifteen Thousand Only
56	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.	40.00	Sqm	1200.00	48000.00	INR Forty Eight Thousand Only

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57	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. A) 100x100 mm size P type: Flexible pipe A) 32 mm dia	2.00	Each	119.00	238.00	INR Two Hundred & Thirty Eight Only
58	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	24.00	Meter	300.00	7200.00	INR Seven Thousand Two Hundred Only
59	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. a) Coupler - 110 mm dia meter	12.00	Each	130.00	1560.00	INR One Thousand Five Hundred & Sixty Only
60	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. a) Bend 87.5° - 110mm dia meter	12.00	Each	140.00	1680.00	INR One Thousand Six Hundred & Eighty Only
61	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. a) Shoe (Plain) - 110mm dia meter	12.00	Each	130.00	1560.00	INR One Thousand Five Hundred & Sixty Only
62	Consultancy charges for design, detailing and vetting of Security building structure from any approved consultancy firms/Govt Colleges/NIT/IIT complete as per the direction of EIC.	1.00	Job	40000.00	40000.00	INR Forty Thousand Only
Total in Figures					5313886.00	INR Fifty Three Lakh Thirteen Thousand Eight Hundred & Eighty Six Only
Quoted Rate in Words				INR Fifty Three Lakh Thirteen Thousand Eight Hundred & Eighty Six Only		

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