



OIL AND NATURAL GAS CORPORATION LIMITED

Engineering Services

Western Onshore Basin

Makarpura Road, Vadodara, Gujarat

Tel.No.: 0265-2603607, 2603479 FAX: 0265-2638855

No.: VDA/WON/SUPPORT/HES/2025/Civil/BC5RC24005		Date: 03.02.2025
From: Vikas Kumar Kulshreshtha, GM (E), Head – Engineering Services, WON Basin, Vadodara		
To:	Kind Attn.:	
M/s Rama Engineers 31, Dadunagar Society, Tarsali Road, Tarsali, Vadodara– 390009 (Gujarat) Email: ramasengineers@gmail.com	Mr. Rakesh Tripathi	
Sub.: NOTIFICATION OF AWARD (NOA) cum Work Order of Contract “Renovation of shed number-06 for setting up of Gymnasium in WON Basin ONGC, Vadodara” against ONGC Tender No. BC5RC24005		
1. Our Tender Document No. BC5RC24005. 2. Your Techno-Contractual Bid response no. 806297 submitted on GePNIC-CPP Portal and opened on 11.01.2025, along with clarifications / deficient documents sought by ONGC and submitted by you. 3. Our communication dated 27.01.2025 intimating Price Bid Opening scheduled on 27.01.2025. 4. Your price bid/offer opened on 27.01.2025. 5. All other correspondences against this tender till date in the ONGC e-Tender portal / e-mail.		

Sir(s),

- 1.0 Oil And Natural Gas Corporation Limited (ONGC) is pleased to place this Notification Of Award (NOA) cum Work Order on “**M/s Rama Engineers**” with address, A-7, 31, Dadunagar Society, Tarsali Road, Tarsali, Vadodara– 390009, Gujarat, for execution of Contract “**Renovation of shed number-06 for setting up of Gymnasium in WON Basin ONGC, Vadodara**” against ONGC Tender No. BC5RC24005 with the Scope of Work and on the terms and conditions as detailed in ONGC’s Tender/Bidding documents and subsequent letters / notifications / e-mails / faxes issued by ONGC as in reference above and offer and letters of M/s Rama Engineers referred as above, at your quoted percentage rate, i.e., (-) 16.02% below the Estimated Cost put to Tender, amounting to **Rs. 2,12,75,671/- (Rupees Two Crores Twelve Lakhs Seventy Five Thousand Six Hundred Seventy One only)** which is inclusive of GST at the rate of 18% above basic cost.
- 2.0 The duration of the Contract is 04 (four) months including any monsoon, to be reckoned from 7th day of the date of issue of LOA cum work order or from date of handing over of the site, whichever is later.
- 3.0 M/s Rama Engineers (the Contractor) shall furnish Performance Security for a sum of **Rs. 21,27,568/- (Rupees Twenty One Lakhs Twenty Seven Thousand Five Hundred Sixty Eight Only)** equivalent to 10% (ten percent) of the contract value **within 15 days** from the date of this Notification Of Award (NOA) cum Work Order, i.e., **by 18.02.2025** in line with para. 10.0 of GCC for due performance of the Contract. The provisions of clause 36 of the Instructions to Bidder shall be applicable for submission of Performance Security. This Performance Security shall be valid initially for a period to cover the Scheduled Completion period for the works plus defect liability period of 1 year plus sixty (60) days claim period, as per NIT.



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- 4.0 Failure in submission of PBG shall constitute sufficient grounds for annulment of award and forfeiture of Bid Security as per Clause 17.7(c) of ITB.
- 5.0 The Contractor shall be required to sign a formal detailed Contract with ONGC for which you are requested to attend this office in person on any working day along with Non-judicial Stamp Paper of Rs. 300/- for executing the Agreement within **30 (thirty) days** from the date of this Notification Of Award (NOA) cum Work Order.
- 6.0 Till such time the Formal Agreement is not executed, this LOA cum work Order shall constitute Binding Contract between ONGC & M/s Rama Engineers and shall be subject to all terms and conditions of the Bidding documents and other documents mentioned in reference above. The date of commencement of activities under the Contract shall be the date of issuance of this NOA cum Work Order.
- 7.0 You are requested to contact Engineer-in-Charge for taking over site for further instruction and correspondence regarding execution of the work.
- 8.0 **The effective date of Contract is the date of this Notification of Award (NOA) cum Work Order, i.e., 03.02.2025.**

Kindly acknowledge the acceptance of this Notification of Award (NOA) cum Work Order through return letter/mail.

Regards,

V. K. Kulshreshtha
03/2/2025

(Vikas Kumar Kulshreshtha)
GM (E) – Head Engineering Services
WON Basin

Encl.: Schedule-B

विकास कु कुलश्रेश्ठा / Vikas K Kulshreshtha
महा प्रबंधक-प्रधान अभियांत्रिकी सेवायें
GM-Head Engineering Services
पश्चिमी अभिलेख द्रोणी, ओएनजीसी, वडोदरा-9
WON Basin, ONGC, Vadodara-9

SCHEDULE-B

Name of Work: Renovation of Shed no. 6 near Guest house for setting up of Gymnasium in WON Basin, ONGC, Baroda

Item No	ITEM DESCRIPTION	Unit	Qty	Awarded Rate	Amount
1	Site Clearance				
1.1	Dismantling aluminium/gypsum partitons , 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.	392	47.32	18,549.44
1.2	Dismantling And Taking Out Doors , Windows and clerestory windows (steel or wood) shutter including chowkhts , architrave , holdfasts etc. Complete and Stacking with 50 metres Lead : 15.12.1 Of Area 3 sq. metres and below	NOs	18	308.37	5,550.66
1.3	Disposal including trasportation of Diposed material Out From ONGC Campus To VMC Dump Yard Atladra	Sqm.	392	151.16	59,254.72
1.4	Demolishing Brick Work Manually/by mechanical Means Including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge.	Cum	15	1,729.98	25,949.70
1.5	Removal of exiting Roof Corrograted Sheet : Dismantling roofing including , hips , valleys ad gutters etc and stacking the material within 50 meters lead of 15.28.2 : Asbestos cement sheet	Sqm.	517	64.91	33,558.47
1.6	Cleaning jungle including uprooting of rank vegetation, Grass, brush wood , trees and saplings of Girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside th periphery of the area cleared.	Sqm.	157	14.78	2,321.49
1.7	Removal and disposal exiting stage including trasportation of Diposed material Out From ONGC Campus To VMC Dump Yard Atladra	Sqm.	52	768.41	39,880.48
2	Roofing System				
2.1	Roofing System: Retrofitting of Exiting MS steel Structure: Removing dilapidated steel members and replacing them with fresh structural members of the same specification restoring the strength, scrubbing the old steel structure, applying primer, and painting the MS steel structure. Shot Blasting SA 2.5 + monocoat of DTM paint with 90-100 DFT. RAL code to be confirmed by Client. Make- Asian /Nerolac/Berger. Providing and Fixing precoated Galvanized Iron Profile sheet (Size, Shape and pitch of corrugation as approved by Engineer-in-charge), installation of 0.65 mm Thick sheet with Zinc coating of 275 g/m2 as per IS: 277, IN 240 MPA steel Grade, IS 15961 YS 300 MPa AZ 150 – Make- Tata Steel/JSW(RMP Coated)s. The sheet should have a protective Guard and be supplied as desired by the Engineer-in-charge. The sheet should be fixed using self-drilling/self-tapping Galvanized screws Size as required with EPDM seal, complete up to pitch in horizontal/vertical or curved surface. 150 mm thk Z Purlin(Material: Galvanized, ASTM A653M SS 340 Class-I, GSM 120 & 275) with Galvanized Screw necessary installation and supply. along with Rock Wool insulation of 45 Density 50mm thk, application of Wire Mesh thickness to be 40 mm to 150 mm Density: 100 kg/m3 and above all complete as shape required including the required scaffolding & shuttering and installation cranes.	Sqm.	517	2,557.53	13,22,243.01
3	Civil Work				
3.1	Half brick,- 4½" thick masonry in common burnt clay conventional building bricks, having crushing strength not less than 50 Kg/cm², for all floors, at any height and level, in any position, in C.M. 1:4 (1 cement : 4 sand), including curing, scaffolding, etc. complete, as directed.	Sqm.	101	943.09	95,252.09
3.2	PLASTERING AND POINTING : Providing & laying 12 to 15 mm. thick cement plaster in single coat to ceiling & internal wall, etc. , in C.M. 1:3 with cement mala finish (finished with steel trowel) including water proofing compound with 200ml per 50 kg of reputed brand as specified ,staggering & scaffolding, curing, making grooves, forming pattas and drip mould, etc. complete as directed. Rate shall be also inclusive of galvanized low carbon wire, annealed wire chicken mesh of, 24 Gauge thk & 15mm-20mm mesh size, at junctions of brickwork with RCC / PCC member and all corners & joints, held in position firmly by nailing to the masonry surface, including necessary scaffolding , staging etc. complete. 20 cm cement plaster of MIX : 1:4 (1 cement : Fine Sand)	Sqm.	202	332.01	67,066.02
3.3	LINTEL WORK : Reinforced Cement Concrete Work in Beam, Suspended Floors , Roofs having Slope Up to 15 Degree Landing, Balconies, Shelves, Chajjas , Intels And Bands plain Windows Sills , Staircases and Spiral Staircase above plint level up to Floor Five level , Excluding the cost if centering, Shuttering , Frinishing and Reinforcement with 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 Sources.	Cum	2	9,662.31	19,324.62
4	Architecture Work				
4.1	Gym Flooring : Floor Tile 2' (600mm) x 2' (600mm) Providing and laying vitrified tiles in floor in different size (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 20mm thick cement mortar 1 : 4 (1 Cement : 4 coarse sand) jointing with grey cement slurry @303 kg/sqm including grouting the joints with white cement and matching pigment etc . The tiles must be cut with zero chipping diamond cutter only. laying of tiles will be done with the notch trowel , piler , wedge , clips of required thickness , leveling , system and rubber mallet for placing the tiles gently and easily. Double charge vitrified tile polished finish of size 600 x 600 mm.	Sqm.	274	1,220.77	3,34,490.98
4.2	Floor & wall Tile 4' (1200mm) x 2' (600mm) Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Double charge vitrified tile polished finish of size 600 x 600 mm.	Sqm.	104	1,324.49	1,37,746.96

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Item No	ITEM DESCRIPTION	Unit	Qty	Awarded Rate	Amount
4.3	Door : 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 colour black, Cherry/Ruby red. Area of slab upto 0.50 sqm .	Sqm.	6	4,546.25	27,277.50
4.4	Window and Ventilation : 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 colour black, Cherry/Ruby red. Area of slab over 0.50 sqm	Sqm.	22	2,579.06	56,739.32
4.5	Providing Fixing Alluminium work for windows and ventilation fixing with appropriate and other section of approved make confirming to IS : 733 and IS : 1238 , fixing with dash fasteners or required dia and size , including necessary filling up the gap with junctions . i.e at top bottom and side with required rubber/neoprene gasket etc . aluminium section shall be smooth, rust free , straight mitred and jointed mechanically wherever required including cleat angle , aluminum snap beading for glazing/panelling, C.P. Brass / stainless steel screws , all complete as per architectural drawings and direction of engineer in-charge with 8mm TGH Glass . Handel : Crescent Color : Shine Grey. Make : Tostem				
	2.95 m X 1.95 m Sliding (GYM Windows)	NOs	2	34,759.32	69,518.64
	2.95 m X 1.95 m Fixed (GYM Windows)	NOs	1	26,899.63	26,899.63
	1.52 m x 1.95 m Sliding (Manager Cabin)	NOs	1	23,538.75	23,538.75
	1.05 m x 0.30 m Fixed (Men & women toilet ventilation)	NOs	2	3,744.66	7,489.32
	0.90 m x 0.70 m Fixed (women toilet ventilation)	NOs	1	5,536.80	5,536.80
	1.80 m x 1.90 m Sliding (YOGA room)	NOs	2	41,717.90	83,435.80
4.6	MEN & WOMEN Toilets : Supply installation and commission of all required Fittings along with accessories MAKE : kohler				
	Wall hung WC) size : 365x525x400 mm	nos	4	13,264.29	53,057.16
	METROPOLE	nos	4	4,080.42	16,321.68
	2 WAY BIB COCK WITH WALL FLANGE	nos	4	2,383.15	9,532.60
	JETSPRAY	nos	4	1,639.14	6,556.56
	TOILET ROLL HOLDER	nos	4	802.13	3,208.52
	NANI TRAP	nos	4	406.88	1,627.52
	MEN & WOMEN Utility Area Basin : Supply installation and commission of all required Fittings along with accessories MAKE : Kohler				
	WASH BASIN	nos	4	6,254.32	25,017.28
	BASIN TAP	nos	4	4,347.80	17,391.20
	TOWEL RODE	nos	4	1,104.38	4,417.52
	Bottle trap	nos	4	1,906.52	7,626.08
	SOAP DISPENSER	nos	4	1,546.14	6,184.56
	MEN & WOMEN Shower : Supply installation and commission of all required Fittings along with accessories MAKE : Kohler				
	SHOWER HEAD	nos	2	5,126.68	10,253.36
	SHOWER ROD	nos	2	964.88	1,929.76
	SINGLE LEVER CONCEALED SHOWER MIXTURE	nos	2	3,417.79	6,835.58
	TOWEL RACK	nos	2	3,196.91	6,393.82
	CONRNER GLASS SHELF	nos	2	1,522.89	3,045.78
4.7	Painting Of Exterior Wall : Finishing Wall With Textured extirior Paint of required Shade : 13.45.1 New Work (Two Or More Coats applied @ 3.28 ltr/10 sqm) over And Including Priming Coat of exterior Primer Applied @ 2.20Kg/10Sqm	Sqm.	698	187.75	1,31,107.16
4.8	Painting Of Interior Wall : Finishing Wall Deluxe Multi Surface Paint System For Interior And Exteriors Using Primer As per Manufactures specifications : Water proofing Paint , Putty :2 coat Birla White Cement Putty ; Primer :1 coat One Pro Smooth Primer	Sqm.	291	162.65	47,401.22


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Item No	ITEM DESCRIPTION	Unit	Qty	Awarded Rate	Amount
4.9	Providing and laying integral cement base 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 300mm height inclnding 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 fiber cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300 x 300 mm square 3 mm deep. (e) the whole terrace so finished shall be flooded with water for a minimm period of two weeks for curing and for final test "all above oprations to be done in order and as directed and specified by the Engineer-in-charge. 22.7.1 with average thickness of 120 mm and minimum thickness at khurra as 65 mm	Sqm.	39	1,414.20	55,556.56
4.10	25mm wooden planking ,tongued and grooved in flooring,including fixing with iron screws complete with second class teak wood	sqm	67	3,786.60	2,52,747.98
5	Interior Work				
5.1	False Ceiling : Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : Fully Perforated Gypsum Plaster Board of size 1200 x 2400x12.5 mm having approx. 15 % perforated area with perforation size and pattern as approved by the Engineerin-charge and as per manufacturer's specification, with all 4 side tapered and backed by acoustical tissue with NRC value not less than 0.60	Sqm.	317	1,284.10	4,07,059.70
5.2	Neat cement punning.	Sqm.	341	67.00	22,847.00
5.3	Wooden Partion : Providing and fixing at all heights and location,12mm thick commercial ply fixed by 50 mm long dry wall screws at the spacing of 300 mm c/c including all material of approved makes, labour, necessary accessories etc. all complete as per manufacture's specification and direction of Engineer-In-Charge. 9.140.1 : 12mm thick commercial ply conforming to IS : 1328 BWR Type	Sqm.	81	1,028.45	83,304.45
5.4	Laminate : Providing and fixing decorative high pressure laminated sheet of plain/wooden grain in gloss / matt/suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.	Sqm.	81	753.55	61,037.55
5.5	Double glazed partition glass system with 5mmclear+5mm clear toughed glass with adhesive tapes on both sides 80mm th.partition system powdercoated aluminium as per drawing, segmented partition system, total glass partition heights 2400mmapprox+04mmHPL laminate on both side of basic finishes above 2400mm heights, total height = 4200mmheight	Sqm.	129	10,676.51	13,77,269.79
5.6	Providing Doubled Glazed doors suitable for modular walls made of 5mm thickclear toughened glass on both side for double glazed and aluminium powdercoated door frame including all hardware. Door height : 2400mm door size l= 0.90 x ht. 2.40	sqm	3.00	58,474.48	1,75,423.44
	Providing And Fixing Entry door (1.80mt. X 2.40 mt.) with patch set with lock , ss H-Type handle-450mm ,12mm Clear tuf Glass , Including hole , cut out charges and installation charges.	Nos	1.00	38,583.85	38,583.85
	Installation, packing , loading, unloading and forwarding of Charges of Double Glazed partition , Double glaze Doors , Entry Door.	LS	1.00	1,67,960.00	1,67,960.00
5.7	Providing and Fixing Automatic Sliding door system (1.80mt. x 2.40mt.) with 12mm clear Glass with installation charges	Nos	2.00	1,81,813.80	3,63,627.60

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5.8	Flush Door : Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (part 1) Decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 9.20.1 35 mm thick including ISI marked stainless steel butt hinges with necessary screws	Sqm	8.00	2,917.32	23,338.56
5.9	Sitting (0.60MT. WIDE X 0.92mt LENGTH) . Providing shoerack with sitting as per design on site in 19 mm marine plywood frame work with 1 mm thk laminate sitting top, Provide shelf for shoes cabinet with slides locking arrangement, use necessary hardware like handles, All the inner surfaces shall be finished with 1mm thick inner laminate. 1 no. Facia of sitting and shoe rack shall be of 19mm thk. marine Ply finished . Laminate and with a wooden moulding on top/bottom edge for handle. The inside portion of shelf to be finished with inner laminate. Rate shall be inclusive of all necessary approved fittings like locks(Approved make) for drawers and any miscellaneous hardware items. Table shall be as per detailed drawing given by Architect / instructions given by Architect etc. complete.	sqm	1.10	12,916.70	14,260.04
5.10	shoe rack (0.60MT. WIDE X 1.36mt LENGTH) . Providing shoerack with sitting as per design on site in 19 mm marine plywood frame work with 1 mm thk laminate sitting top, Provide shelf for shoes cabinet with slides locking arrangement, use necessary hardware like handles, All the inner surfaces shall be finished with 1mm thick inner laminate. 1 no. Facia of sitting and shoe rack shall be of 19mm thk. marine Ply finished . Laminate and with a wooden moulding on top/bottom edge for handle. The inside portion of shelf to be finished with inner laminate. Rate shall be inclusive of all necessary approved fittings like locks(Approved make) for drawers and any miscellaneous hardware items. Table shall be as per detailed drawing given by Architect / instructions given by Architect etc. complete.	sqm	2.49	12,916.70	32,193.58
5.11	RECEPTION TABLE (600MM. WIDEX 2970MM LENGTH) . Providing Reception Table as per the design on site in 19 mm marine plywood framework with 1 mm thick laminate table top, including 12 mm thick. glass on the table top rested on 3" Dia. Steel studs (as per drawing) Provide drawer cabinet with slides locking arrangement, use necessary hardware like handles, use T.W. footrest. All areas should be laminate finish. 2 no. A shelf for the CPU is to be provided below the desk as shown in the drawing. All the inner surfaces shall be finished with 1mm thick inner laminate. 2no. Computer keyboard tray as per architects' design using 19mm thk marine ply base and 25 x 50mm round-edged molding on the front fixed with telescopic /double (Approved make / approved sliders). A drawer unit as shown in the drawing shall be provided.6 nos of drawers with 1.0 mm. Thk. Laminate shall be provided. Height of drawers shall be 100mm, 100mm and 280mm. The drawer shall consist of 12mm thk. marine Ply sides, back and 6mm thk. marine Ply base. Facia of drawers shall be of 19mm thk. marine Ply finished . Laminate and with a wooden moulding on top/bottom edge for handle. Each drawer shall slide on a pair of telescopic drawer sliders(Approved make). The inside portion of the drawers to be finished with white laminate. The rate shall be inclusive of all necessary approved fittings like locks(Approved make) for drawers and any miscellaneous hardware items. Table shall be as per detailed drawing given by Architect/instructions given by Architect etc. complete.	sqm	1.78	12,916.70	23,017.56
5.12	STORAGE UNITS WITH 1 MM THICK LAMINATE FINISH Supplying and fixing 450 mm deep storage units of heights IS 1200MM made of 18 mm thick Commercial ply for top, bottom, shelves, sides.25 mm thk. Commercial block board for openable side hung shutters . (including Burma Teak lipping for 3 edges 25 x 12 mm BTC patti for hinges fixing edge, 38 mm x 9 mm BTC for left shutter inside for locking edges when closed.) All internal surfaces of the storage includes top, bottom, sides, shutters to be finished with 0.8 mm thk. floor white finished laminate and all external surfaces includes sides, top (for low ht. storages) with 1.0 mm thk. approved make and colours laminates. Shutters to be hinged on S.S. pin brass brush finished heavy duty hinges. (size and no of hinges depends on height of storage) , 4 lever Enox lock for locking, s. s. brass brush finished tower bolt for shutters, medium power magnetic catch for shutter at top and bottom. Complete in all respect as per design and instructions by Architect	sqm	1.90	12,916.70	24,586.94
5.13	Providing and Fixing Back Paneling size (4.23mt. wide x 2.69mt. height) work in 50 mm x 25 mm 16 gauge aluminum rectangular pipe section (0.767 kg/mtr.) of JINDAL/ HINDALCO at 450 mm c/c in horizontal direction and for 600mm c/c vertical sections with 6 mm thk. commercial Ply backing finished with approved 1mm thk laminates. Complete as per design and instructions by Architect	sqm	11	12,916.70	1,46,428.88
5.14	SIDE CREDENZA - Providing and supplying side Credenza made of 18 mm thick ply for side, top, bottom and shelf 6 mm thk. commercial plywood for back. 12 mm thk. commercial plywood for operable shutters. All internal surfaces of side credenza, sliding shutters to be finished with approved with 0.8 mm thk. floor white colour laminate. All external surfaces includes top, sides, sliding shutters finished with 1.0 mm thk. Approved laminate in specified colors and make. Sliding shutters running on HETTICH, ENOX sliding channel, wheels and guide complete, including locking arrangement for storage. Complete as per Architect's design and instructions	sqm	0.8	12,916.70	9,765.03
5.15	MANAGER TABLE :- Providing and supplying Manager Table of specified size made of 18 mm thick Commercial plywood for top, side support, drawer unit, drawer facia. 12 mm thk. commercial plywood for table apron, drawer sides and back, 6 mm thk. Commercial plywood for drawer bottoms. All internal surfaces of table, apron, drawers, (all sides, bottom and top) drawer box to be finished with 0.8 mm thk. approved floor white colour laminate. All external surfaces of Table including top, sides, drawer box, drawer facia to be finished with 1 mm thk. Approved colour laminate. All drawer to run on approved quality telescopic drawer channels of HAFELE, HETTICH, EBCO or approved equivalent etc Complete in all respect including approved quality metal keyboard with telescopic channel, Godrej/ Enox drawer locks, 'D' shape .S.S. brass bush finished handles for drawers. Arrangement for C. P. U., wire manager for computer. and 100 mm x 40 mm teak wood foot rest with French polishing as per design and instructions by Architect	sqm	1.8	14,822.06	26,146.11

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महा प्रबंधक-प्रधान अभियांत्रिकी सेवायें
GM-Head Engineering Services
पश्चिमी अभितट द्रोणी, ओएनजीसी, वडोदरा-9
WON Basin, ONGC, Vadodara-9

Item No	ITEM DESCRIPTION	Unit	Qty	Awarded Rate	Amount
5.16	Rudy Mesh Back Chair Providing and supply Seat and back in single piece with integrated arms like bucket shape, nylon moulded of 450 to 500 density fix inner and outer snap fit arrangement in back with mesh fabric inside on equal interval of rectangular slots design. The mechanism of the chair have have following features : 360° revolving type, 2.5mm thk CRCA powder coated center tilt Mechanism, Tilt tension adjustment, locking in single position, Plastic component inside the mechanism of Grade - M1 3530 and Epoxy Powder coated 70 Microns with tested 1.2 lacs cycles as per BIFMA Standard The chair have be provided with pneumatic height adjustment which have have stroke of 100 +/- 5 mm. The Base have be made of injection moulded nylon. It have be fitted with 5 nos. twin wheel castor - 50 mm diameter. The size of the base be 660 +/- 1 mm pitch-centre-diameter. The twin wheel castors have be made of Nylon injection moulded in black colour.	nos	10.0	7,846.97	78,469.70
5.17	Man utility Locker Rack (L-1.46,W-0.3, H-1.8)	noS	1.0	58,784.88	58,784.88
5.18	women & Man utility Bench (L-0.9, W-0.3, H-0.45)	noS	2.0	26,156.58	52,313.16
5.19	Women utility area Storage (L-0.9, W-0.3, H-1.8)	noS	1.0	44,823.08	44,823.08
5.20	Women utility area locker Rack (L-1.20,W-0.3, H-1.8)	noS	1.0	58,784.88	58,784.88
5.21	Pantry table: Providing and supplying working tables of specified size (2.0mt.length x 0.60mt. wide)made of 18 mm thick Commercial plywood for top, side support, drawer unit, drawer facia. 12 mm thk. commercial plywood for table shelf, drawer sides and back, 6 mm thk. commercial plywood for drawer bottoms. All internal surfaces of table, shelf, drawers, (all sides, bottom and top) drawer box to be finished with 0.8 mm thk. approved floor white colour laminate. All external surfaces of Table including top, sides, drawer box, drawer facia and shutter surface to be finished with 1 mm thk. approved colour laminate. All drawer to run on approved quality telescopic drawer channels of HAFELE, HETTICH, EBCO or approved equivalent etc . 'D' shape .S.S. brass bush finished handles for drawers as per design and instructions by Architect	Sqm.	2.6	12,916.70	33,583.42
5.22	Supply installation and commissioning of Mirrors 5mm Mirror with edge Polish (Modiguard/Sisecam make) , Fitting of 5MM Mirror with Sillicon, Two Way Tap , embro Tap,Unloading charges	Sqm.	118	1,608.33	1,89,782.94
5.23	Roller curtain	Sqm.	185.0	2,969.23	5,49,307.55
5.24	Toilet Cubicles (0.78 m x 2.10 m) Size of Cubicle : As per Drawing (W) x (D) x 2003mm (H) Door Size : 1750mm (H) x 600mm (W) Divider Size : 1820mm (H) Overall Height Of Cubicle : 2003mm (Including bott om Gap of 150mm) Accessories: Standard - Merino Make Aluminum, Nylon Polyamide 6 accessories) - BLACK a) Aluminum "U" Channel b) Aluminum "F" Channel (Only Corner Unit) c) Aluminum Door Stopper Channel d) Aluminum Top Rail e) Nylon Coat Hook f) Nylon Privacy Thumb turn c/w Occupancy Indicator g) Nylon Door Knob h) Nylon Gravity Hinges Left /Right -Gravity to Close i) Nylon Adjustable Foot j) Rubber Door Stopper Lining k) Screws & Wall Plugs SPECIAL NOTE - Warning Criteria is 3.0 mm/1000mm for MRS panels as per EN standard- 438	NOS	6.0	27,495.79	1,64,974.74
5.25	Pantry work				
	Cooking induction MAKE : BOSS	Nos	1.0	5,118.01	5,118.01
	Hot and cold water dispenser 20L MAKE : BLUE STAR	Nos	1.0	15,072.29	15,072.29
	Refrigerator 242 L MAKE : LG 3 STAR	Nos	1.0	21,699.04	21,699.04
5.26	ULTRA CLEAR GLASS FILM WITH GRAPHIC PRINTING	sqm	80.0	1,285.01	1,02,800.80
6	LANDSCAPE				
6.1	PAVER BLOCK : :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 50 mm 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. 60 mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern. 16.91.1 60 mm thick cement concrete paver blocks of M-35 Grade with approved colour, design & pattern.	sqm	157	878.13	1,37,947.20
6.2	Supplying ,stacking and sprading of good earth (Garden Soil) including spreading simulataneously as directed. Good earth shall be a friable, tyoical of cultivated top soil of the locality. It shall be free of sub-soil, stones, earth clad, sticks roots or other objectionable extraneous materials no topsoil shall be delivered in a muddy condition, etc complete as required.	CUM	125.91	660.08	83,109.45
6.3	Providing area preparationn for semi carpet lawn and dibbling of lawn.water the soil once &then loosen rhe top 1/4"with a rake and watering of grass areeon same day. Rate will include the supply of grass.	sqm	236.24	245.31	57,951.25
6.4	Supply & plantation of shrubbery plants, development of bed, cultivation soil mixture and plantation of shrubbery (as per plantation plan provided). Pesticide application.Good earth and farm yard manure to be added wherever it is required. - euphorbia,pendanus,etc	sqm	13.11	174.37	2,285.99
6.5	Artificial Plants	Nos	100.00	1,162.51	1,16,251.00
6.6	CANOPY N FABRICATION : Steel Work in built up tubular (Round , square or rectangular hollow tubes etc.) truuses etc., including cutting , hoisting, fixing in position and applying a priming coat of approved steel primer , inlcuding welding and bolted with special shaped washer etc. complete. 10.16.2 Hot Finished Seamless type tubes	KG	387.00	173.29	67,063.23
6.6.1	Toughend glass with Hardware	sqm	12.57	3,410.81	42,873.88

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6.7	PARGOLA AND GREEN WALL FABRICATION : 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 washer etc. complete. 10.16.2 Hot Finished Seamless type tubes	KG	993.00	173.29	1,72,076.97
6.7.1	Toughend glass with Hardware	sqm	23.67	3,410.81	80,733.87
6.80	OUT SIDE Store For Gym Storage				
6.8.1	Designing, providing, installing and fixing cladding of 300mm level to support the cladding material for outside supply insatallation and transportation of P/F coloured compressed boards canopy by using 8mm thick everest or equilant make colour compressed boards & 50*25*16G Aluminium tubes /MS supportive frames having grooves created as per architects drawing.this cost is including coloured compressed boards cost, MS/GI cost of spacing 1200*600mm, 7% assumed wastage, all hardware, labour and scaffolding cost.	SQM	32.88	5,379.75	1,76,902.32
6.8.2	GI sheet cover on Ceiling	sqm	9.00	1,406.64	12,659.76
7	ELECTRICAL				
7.1	P and M point wiring in concealed in walls, furniture's & for above false ceiling, or on ceiling, on beams shall be fixed with saddles & spacers etc., with conduits taken in slab with 20 mm dia PVC Rigid conduits 1.5 mm thick ISI mark with 2 nos. of 1.0 sq. mm. off wires & 1 nos. of 1.0 sq. mm. earth wire with modular switch with company made flush metal box/surface PVC box etc. comp. These will be used with point wiring of light, fan, ex. fan, callbell points, etc. { Max. 3 Switchboards in one circuit - One Sp MCB }. MAKE : 20, 25, 32 mm dia. 1.5mm thick rigid PVC pipe. (MMS type). - VRAI or Equivalent. FRLS PVC copper conductor wire. - Polycab or APAR ANUSHKTI. Computer data, Telephone, Intercom wire, CCTV wire - CAT 6. - D Link or APAR ANUSHKTI. Modular Switches and accessories - Anchor Roma Plus or Equivalent. MCB / DB / SWITCHGEAR ITEMS. - Havells or Equivalent. LT cable 1.1KV - Aluminium (XLPE), copper (XLPE), Armoured ISI cable, Flexible Copper Cable - Polycab or Equivalent.				
7.1.1	One 5A switch controlling one light point. Make : Anchor , Roma plus Or Equivalent	NOs	60	440.89	26,453.40
7.1.2	Loop light point from nearest light point.	NOs	35	235.98	8,259.30
7.1.3	Two 5A switch controlling one light point. Make : Anchor , Roma plus Or Equivalent	NOs	1	548.38	548.38
7.1.4	One 5A switch controlling one fan point with socket type fan regulator. Make : Anchor , Roma plus Or Equivalent	NOs	6	617.25	3,703.50
7.1.5	5A socket outlet with 5A switch (on common board) (1 FOR WATER COOLER) .	NOs	30	235.98	7,079.40
7.1.6	5A socket outlet with 5A SP switch (as an independent point) - loop from nearest switch board . - MAX. 6 MTRS. SHOULD CONSIDERED FOR THE POINT WIRING.	NOs	20	464.4	9,288.00
7.2	SITC of 5/15 Amp. Switch and socket complete . These will be used for point wiring of power points ,etc. for lab instruments, water cooler, printers points. (without wiring) .	NOs	10	684.43	6,844.30
7.3	SITC of 20 / 25 A, 230 V, with DP MCB all enclosed in a prefabricated M S boxes complete to the satisfaction of E.I.C. For SPLIT AC 1.5TR unit These will be used for point wiring of A.C. points ,etc (Without wiring). The height of switchboard must be at reachable point for easily operation. - from that point to Split AC , empty conduit + necessary bends must in concealed mode by ele. contractor. THE ENCLOSURE SHOULD BE SAME MAKE AS MCB MAKE.	NOs	1	1685.64	1,685.64
7.4	Providing, Installing, testing, Commissioning of mains of following sizes PVC insulated copper conductor multistranded flexibls type wires with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark with following wires.				
7.4.1	2 nos. of 2.5 sq.mm wire and 1 no.of 1.0 sqmm pvc Insulated copper conductor wire (DB TO SB, SB TO SB) - { Max. 3 Switchboards in one circuit - One Sp MCB }.	MTRs	250	97.41	24,352.50
7.4.2	2 no of 4.0 sqmm wires and 1 no of 2.5 sqmm PVC Insulated copper conductor wire (DB TO AC & DB TO 16 A. power point.) - { Max. 1 Switchboards in one circuit - One Sp MCB }.	MTRs	450	125.13	56,308.50
7.4.3	c) 2 no of 4.0 sqmm wires and 1 no of 2.5 sqmm PVC Insulated copper conductor wire (DB TO AC) - { Max. 1 Switchboards in one circuit - One Sp MCB }. This will also be used for indoor AC unit supply	MTRs	50	125.13	6,256.50
7.5	ITC of (including supply and fixing flexible wires from holder to fixtures hardwares etc.) of....				
7.5.1	ITC of 1 x 8 W Square / Round LED DOWN LIGHT to be recessed in false ceiling with all necessary hardwares, chains, hook etc. complete.	NOs	19	261.56	4,969.64
7.5.2	ITC of 1 x 18 W Square / Round LED DOWN LIGHT to be recessed in false ceiling with all necessary hardwares, chains, hook etc. complete.	NOs	44	261.56	11,508.64
7.5.3	ITC of 1 x 24 W Square / Round LED DOWN LIGHT to be recessed in false ceiling with all necessary hardwares, chains, hook etc. complete.	NOs	12	261.56	3,138.72
7.5.4	ITC of LED PROFILE LIGHT in recess false ceiling with all necessary connections, etc.	MTRs	22	174.37	3,836.14
7.5.5	ITC of LED hanging LIGHT in recess false ceiling with all necessary connections, etc.	NOs	1	581.25	581.25
7.5.6	ITC of LED strip LIGHT in recess false ceiling with all necessary connections, etc.	MTRs	30	174.37	5,231.10
7.5.7	ITC of 48" Ceiling Fan with Max. 3 feet Fan Rode, Anchor Fastner, etc.	NOs	6	232.5	1,395.00
7.5.8	ITC of ex. Fan with all necessary connctions, hardwares for screws, etc.	NOs	2	232.5	465.00
7.6	Supply and installation of 3 nos. of 6 A, 5 pin Sockets below table outlets with one 10 A switches Computer power supply with concealed company made metallic boxes or PVC flush box on walls / furniture's / trunking etc complete all respect without wiring (FOR COMPUTER POWER SUPPLY SOCKET) (Maxi. 3 computers in one circuit). complete with necessary termination etc. complete.	NOs	5	1059.82	5,299.10
7.7	Supply and installation of 2 nos. of 6 A, 5 pin Sockets and 1 no. of with one 10 A switches row power supply with concealed company made metallic boxes or PVC flush box on walls / furniture's / trunking etc complete all respect without wiring. (raw power) . complete with necessary termination etc. complete.	NOs	5	1104.38	5,521.90

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WON Basin, ONGC, Vadodara-9

Item No	ITEM DESCRIPTION	Unit	Qty	Awarded Rate	Amount
7.8	Providing, installing, testing, Commissioning of mains of 2 no of 2.5 sq mm and 1 no of 1.5 sqmm pvc insulated copper conductor multi-stranded flexible wire with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. complete. Maxi. 3 computers in one circuit. complete with necessary termination etc. complete. (for Computer and row power supply) LOOP POINTS MUST BE OF SAME SIZED WIRES.	MTRs	175	97.41	17,046.75
7.9	Supply, installation, testing and commissioning of CAT 6, RJ 45 information outlet (I/O) of D-link mke with front modular cover plate, flush box metallic or PVC for trucking system etc. complete with terminations etc complete.	NOs	5	406.88	2,034.40
7.10	Providing, installing, testing, commissioning of CAT 6 UTP pvc insulated copper conductor data cable of D-link make with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. with ferrule numbering at both ends of each of piece of cable etc. complete as per the requirement.	MTRs	200	98.81	19,762.00
7.11	Providing, installing, testing, commissioning of CAT 6 UTP pvc insulated copper conductor data cable of D-link make with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. with ferrule numbering at both ends of each of piece of cable etc. complete as per the requirement. FOR WIFI POINTS.	MTRs	100	98.81	9,881.00
7.12	Supply, installation, testing and commissioning of 18 U metal rack for computer clamping switch etc complete with Mounting Tray + cooling Fans + power supply board.	NOs	1	11043.88	11,043.88
7.13	SITC of 24 port patch panel for computers mounting in metal rack. (make : D Link / Digi Link).	NOs	1	4482.57	4,482.57
7.14	Supply & fixing the Patch cord 1 mtr. Long (factory built) .-When supplying , then first ask to Consultant / Architect.	NOs	5	152.7	763.50
7.15	Supply & fixing the Patch cord 2 mtr. Long (factory built) .-When supplying , then first ask to Consultant / Architect.	NOs	5	192.11	960.55
7.16	Supply and installing telephone point with Telephone socket outlets of RJ 11 of approved make with company made concealed boxes in walls / furniture's etc. complete (without wiring) .- for Intercom / fax / direct Tele. facility.	NOs	2	295.55	591.10
7.17	Providing, installing, testing, commissioning of CAT 6 UTP pvc insulated copper conductor data cable of D-link make for Voice approved with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. complete. FROM KRONE BOX TO ALL TELE. POINTS.	MTRs	150	83.74	12,561.00
7.18	Supply, installation, testing and commissioning of 10 pair krone telephone tag block duly enclosed in sheet metal powder coated box with locking arrangement complete with necessary terminations.	NOs	1	738.88	738.88
7.19	Supply, installing, testing and commissioning of metallic double door type distribution board with all necessary connection complete to be installed concealed in wall / surface mount complete to the satisfaction of the Engineer in charge. The DB should be of same make as MCB make.				
7.19.1	6 - WAY TPN DB : (LDB). incoming : 63 A FP MCB - 1 NO . outgoing : 25 Amp. DP ELCB, 100 mA. (3 nos). outgoing : 10 to 20 A SP MCB (9 nos).	NOs	1	10,357.25	10,357.25
7.19.2	6 - WAY TPN DB : (PDB). incoming : 63 A FP MCB - 1 NO . outgoing : 40 Amp. DP ELCB, 100 mA. (3 nos). outgoing : 16 A SP MCB (12 nos).	NOs	1	11,465.79	11,465.79
7.19.3	4 - WAY TPN DB : (ACDB). incoming : 63 A FP MCB - 1 NO . outgoing : 20 A / 25 A FP RCCB, 100 mA. (2 nos). outgoing : 20 A / 25 A DP MCB (2 nos).	NOs	1	8,702.01	8,702.01
7.19.4	4 - WAY TPN DB : (ACDB). incoming : 63 A FP MCB - 1 NO . outgoing : 20 A / 25 A FP RCCB, 100 mA. (3 nos).	Nos	2	10,574.76	21,149.52
7.20	SITC of 25 A / 32A / FP MCB (C - Curve) with powder coated compny made metallic double door sheet stell enclosure complete for three phase 3.0 / 4.0 TR CASSETTE AC units. This will be executed near out door unit. (as per IP 65 protection). THE ENCLOSURE SHOULD BE SAME MAKE AS MCB MAKE.	NOs	8	4187.02	33,496.16
7.21	Providing and Installing of 100A MCCB FP with metal enclosure & required rating of Al. busbar for connections of load cabos of DBs. (lcs =100% lcu., confirmed to IS / IEC 60947 -2 adjustable Ir rating from 0.7 to 1) Unit fixing at DB area.	NOs	2	18225.86	36,451.72
7.22	SITC of Earthing Pit with all necessary matrtial and making masonry kundi, watering arrangment etc complete as per ISI 3043-1987. Supply, laying and jointing of following wire / strip / earth cable on walls, ceiling etc. With necessary non rusting clamps, washers, nuts and bolts etc complete.				
7.22.1	6.0 sq. mm. earth wire with 20 mm dia. PVC rigid conduit duly cleated / concealed / burried in floor etc. complete from existing earth pit to main mccb.	R.mt.	50	73.9	3,695.00
7.22.2	4.0 sq. mm. earth wire with 20 mm dia. PVC rigid conduit duly cleated / concealed / burried in floor etc. complete from mainn mccb to diff DBs & from mccb to ac outdoor units.	R.mt.	225	55.42	12,469.50
7.23	Supply, Lying, installation, testing and commissioning of following sizes of PVC insulated PVC sheathed copper / aluminum conductor armoured cable to be laying in existing cable trench or to be laid in existing pipes of with necessary clamps, spacers with cleating on wall ceiling etc. complete to the satisfaction of EIC. (LENTH TO BE VERIFY AT SITE).				
7.23.1	3.5 C x 50.0 sq. mm Alu. Conductor AYFY cable. (main cable from main mccb to main mccb nr. energy meter) (LENGTH as per site contition) .	R.mt.	60	274.61	16,476.60
7.23.2	4 C X 6.0 sq. mm flexible Cu. cable with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark . (main switch to all diff dbs.).	R.mt.	20	320.18	6,403.60

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Item No	ITEM DESCRIPTION	Unit	Qty	Awarded Rate	Amount
7.23.3	4 C X 10.0 sq. mm flexible Cu. cable with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark . (main switch to all diff AC dbs.).	R.mt.	10	467.96	4,679.60
7.23.4	4 C x 4.0 sq. mm Cu. Conductor YWY cable. (ACDB to 3 PHASE CASSETTE AC - 3.0 TR / 4.0 TR OUTDOOR UNIT.).	R.mt.	175	290.62	50,858.50
7.24	End termination of following PVC insulated armoured cables including supply and fixing of brass single compression type cable glands and crimping type aluminum / copper lugs suitable for terminations of armoured cables of following overall diameters, incl.				
7.24.1	3.5 C x 50.0 sq. mm Alu. Conductor AYFY cable. (main cable from main mccb to main mccb nr. energy meter) .	NOs	4	197.03	788.12
7.24.2	4 C X 6.0 sq. mm flexible Cu. cable with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark . (main switch to all diff dbs.).	NOs	4	147.77	591.08
7.24.3	4 C X 10.0 sq. mm flexible Cu. cable with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark . (main switch to all diff AC dbs.).	NOs	4	172.4	689.60
7.24.4	4 C x 4.0 sq. mm Cu. Conductor YWY cable. (ACDB to 3 PHASE CASSETTE AC - 3.0 TR / 4.0 TR OUTDOOR UNIT.).	NOs	16	147.77	2,364.32
7.25	Supply and installation of 300 x 300 x 40 mm size GI box duly fabricated from 18 SWG m.s. sheet with top cover of s. s. sheet complete with necessary knock outs at all the sides of box for conduit entries duly fixed in floor, including breaking in floor and re-finished the same etc. complete (Wire Draw Box).	NOs	2	640.36	1,280.72
7.26	Supply and installation of 150 x 150 x 40 mm size GI box duly fabricated from 18 SWG m.s. sheet with top cover of s. s. sheet complete with necessary knock outs at all the sides of box for conduit entries duly fixed in floor, including breaking in floor and re-finished the same etc. complete (Wire Draw Box).	NOs	2	517.22	1,034.44
7.27	Supply and fixing of following sizes of medium class steel conduit along with accessories in surface/recess including painting on case of surface conduit , or cutting wall and making good the same in case of recessed conduit as required . 1.20.2 25mm	R.mt.	50	214.98	10,749.00
7.28	Supply and fixing of following sizes of medium class steel conduit along with accessories in surface/recess including painting on case of surface conduit , or cutting wall and making good the same in case of recessed conduit as required . 1.20.2 40mm	R.mt.	10	394.7	3,947.00
7.29	LIASIONING WORK WITH POWER SUPPLY CO. & ELE. INSPECTOR'S OFFICE WITH ALL NECESSARY CERTIFICATES.	JOB	1	24629.54	24,629.54
7.30	Providing Necessary plug points & light points for tube lights (including necessary wiring) at various locations as required by various contractors for execution of various works / to run equipments such as drill / cutter etc. during the entire execution process. The accessories used for this purpose shall be of temp. nature (anchor piano or eq.) & the contractor has to take back the same on completion of the project. The supply for this shall be taken from the temporary connection provided at / from nearby general meter under co.ordination with the LANDLORD. ELCB must be compulsory for every temporary switchboard.	JOB	1	8374.04	8,374.04
7.31	Providing, installing, testing, commissioning of CAT 6 UTP pvc insulated copper conductor data cable of D-link make with 20/25 dia. PVC conduits with accessories duly buried under floor with necessary chasing / breaking in floor and to be re-finished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. with ferrule numbering at both ends of each of piece of cable etc. complete as per the requirement for CCTV system .	R.mt.	650	83.74	54,431.00
7.32	LED ULTIMA SLIM - 24W COOL WHITE	NOs	11	935.92	10,295.12
7.33	18 W Ceiling Light Color White	NOs	36	788.14	28,373.04
7.34	8W NEUTRAL WHITE	NOs	19	513.46	9,755.74
7.35	Indirect light And profile Light	R.mt.	53	374.36	19,653.90
7.36	Bollards	NOs	8	3673.55	29,388.40
7.37	Street light PCR	NOs	5	1428.51	7,142.55
7.38	SITC of 20 Channel relay for Lighting- Fan on/off Module with all necessary terminations . Make : LEGRAND KNX , FRANCE".	NOS.	1	81957.28	81,957.28
7.39	SITC of 4 Channel Universal immer Module with all necessary termination.Make LEGRAND KNX,FRANCE	NOS.	2	57544.47	1,15,088.94
7.40	SITC of Wired 4 Button KNX scene keypad with all necessary termination.Make: LEGRAND KNX, FRANCE."	NOS.	6	31678.52	1,90,071.12
7.41	SITC of KNX Power Supply with all necessary terminations . Make : LEGRAND KNX , FRANCE".	NOS.	1	42431.78	42,431.78
7.42	SITC of KNX IP Router/Interface with all necessary terminations . Make : KNX .	NOS.	1	46209.96	46,209.96
7.43	SITC of KNX ELAN Gateway with all necessary terminations . Make : TAPCO, GERMANY"	NOS.	1	41269.27	41,269.27
7.44	SITC of Main system Processor to control AV, Lighting, Camera. - With Pro license with all necessary terminations. Make : ELAN, USA".	NOS.	1	151708.17	1,51,708.17
7.45	SITC of IP TO IR with all necessary terminations. Make : ELAN, USA".	NOS.	2	21215.89	42,431.78
7.46	SITC of IR Emitter with all necessary terminations. Make : ELAN, USA". - for 9 ac ttemperature.	NOS.	9	2034.4	18,309.60
7.47	SITC of Automation Bus cable with all necessary terminations Make : KNX.	mts.	300	139.5	41,850.00
7.48	SITC of Automation DB desgning including connectors, links & misc parts.	NOS.	1	2906.28	2,906.28
7.49	SITC of FP, DP & SP MCB, Main MCBs, Surge protector & othe electrical requirements.	NOS.	1	17437.72	17,437.72
7.50	SITC of Patchcodes & Connectors.	NOS.	1	3487.54	3,487.54
7.51	Installation, Setup & Programming & 1 year free service charges.	JOB	1	69750.88	69,750.88
8	ELECTRONICS				
8.1	Computer For reception and Manager I5-12500 (12TH GENERATION) 8GB RAM 512GB SSD GTX 1650 4GB DDR-6 DUAL FAN G.CARD WI-FI BLUETOOTH MS OFFICE PROFESSIONAL 2021 WINDOW 11 PROFESSIONAL OEM 22" MONITOR 3YEARS ONSITE WRANTTY	NOs	4	1,10,438.90	4,41,755.60

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Item No	ITEM DESCRIPTION	Unit	Qty	Awarded Rate	Amount
8.2	SONY BRAVIA 2-S25 4K HDR Smart TV 139CM (55 INCH) UPSCALES FAVOURITES TO 4K QUALITY: 4K X-Reality™ PRO CLEAR AND EXPANSIVE SOUND: Clear Phase EVERYTHING YOU STREAM. ALL ON ONE SCREEN.: Google TV™** (*Google TV is the name of this device's software experience and a trademark of Google LLC.) MADE TOUGH, MADE TO LAST: X Protection PRO LEVEL UP YOUR GAMING: Game Menu	nos	6	61,514.76	3,69,088.56
8.3	PROJECTOR : PF510Q LG CineBeam PF510Q Smart Portable Projector with Simple Remote	nos	2	78,814.56	1,57,629.12
9	MUSIC SYSTEM				
9.1	BOSE WALL MOUNT SPEAKERS Frequency Response (+/-3 dB)-70 - 20,000 Hz Power Handling, Peak 500 W Ingress Protection IP55 Impedance-8 Ω Combine DesignMax models to complete any design, big or small Deliver rich lows and clear, intelligible highs with coaxial two-way drivers	NOs	6	88,351.12	5,30,106.72
9.2	BOSE PASSIVE SUBWOOFER -Frequency Response (+/-3 dB)-41 - 108 Hz Power Handling, peak-1200 W Sensitivity (SPL/1W @ 1 m)-90 dB Nominal Impedance-8 Ω Blend with any room design with elegant form factors, minimum-bezel grilles available in black or white, and removable logos	nos	2	1,33,689.19	2,67,378.38
9.3	CROWN POWER AMPLIFIER - Frequency Response - +0/-1 dB from 20 Hz to 20 kHz at 1 watt into 4 ohms Sensitivity - at 8 ohm rated output: 1.4V, at 4 ohm rated output: 1.3V, At 2 ohm rated output: 1.1V POWER- 475W IMPEDANCE - 4 ohms	nos	2	48,825.62	97,651.24
9.4	MPRO CROSSOVER - Crossover type:Stereo 2 ways + Subwoofer; Crossover Range: Crossover Type Two Way Crossover+Subwoofer Out Freq.Response 50 Hz Output Impedance:220W	nos	1	8,718.86	8,718.86
9.5	MPRO 6 CHANNEL MIXER - compact mixing console with 6 mic input. Gain Control with 2 EQ per channel. signal LED indicator per Channel Built in Bluetooth Mp3 Playe Best Quality sound for all Applications Built in sound card function.	nos	1	9,881.38	9,881.38
9.6	OFC SPEAKER CABLE 100M	MTRs	300	93.00	27,900.00
	YOGA ROOM				
9.7	BOSE HIGH POWER WALL SPEAKER - Frequency Response (+/-3 dB)-73 - 17,000 Hz Power Handling, peak-240 W Ingress Protection IP55 Impedance-8 Ω 12 loudspeakers to mix and match, from 2-inch, low-profile models to 8-inch, high-SPL compression-driver loudspeakers and outdoor-rated options	nos	4	77,307.23	3,09,228.92
9.8	BOSE PASSIVE SUBWOOFER - Frequency Response (+/-3 dB)-41 - 108 Hz Power Handling, peak-1200 W Sensitivity (SPL/1W @ 1 m)-90 dB Nominal Impedance-8 Ω Blend with any room design with elegant form factors, minimum-bezel grilles available in black or white, and removable logos	nos	1	1,33,689.19	1,33,689.19
9.9	CROWN POWER AMPLIFIER - Frequency Response - +0/-1 dB from 20 Hz to 20 kHz at 1 watt into 4 ohms Sensitivity - at 8 ohm rated output: 1.4V, at 4 ohm rated output: 1.3V, At 2 ohm rated output: 1.1V POWER- 475W IMPEDANCE - 4 ohms	nos	1	48,825.62	48,825.62
9.10	MPRO CROSSOVER - Crossover type:Stereo 2 ways + Subwoofer; Crossover Range: Crossover Type Two Way Crossover+Subwoofer Out Freq.Response 50 Hz Output Impedance:220W	nos	1	8,718.86	8,718.86
9.11	MPRO 6 CHANNEL MIXER - ompact mixing console with 6 mic input. Gain Control with 2 EQ per channel. signal LED indicator per Channel Built in Bluetooth Mp3 Playe Best Quality sound for all Applications Built in sound card function.	nos	1	9,881.38	9,881.38
9.12	OFC SPEAKER CABLE 50M	Rmt.	300	93.00	27,900.00
9.13	INSTALLATION & CALIBRATION	LS	1	23,250.29	23,250.29
10	GYM EQUIPMENTS				
10.1	Multicolor Rubberized Gym Tiles Flooring	sqm	290	2,627.77	7,62,053.30

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Item No	ITEM DESCRIPTION	Unit	Qty	Awarded Rate	Amount
10.2	TREADMILL - RACELINE DISPLAY - 9" LCD - BLUE BACKLIT / DISPLAY FEEDBACK - TIME, SPEED, INCLINE, HEART RATE, DISTANCE, CALORIES / PROGRAM - TARGET, ROLLING, VALLEY, FAT BURN, RAMP, STRENGTH, INTERVAL, FITNESS, TEST, 4HRC / MOTOR - 4HP / 6HP PEAK / SPEED - 0.5 ~22KM/H / INCLINE - 15% (15 LEVELS) / MOTOR CONTROL - AC INVERTER / RUNNING AREA - 22" X 62" / BELT - 2.5T (2PLY) / DECK THICKNESS - 25 MM / SHOCK ABSORPTION / QUICK CONTROL / IPOD & MP3 (AUXILIARY JACK) / CHARGER (IPAD / IPOD) / SPEAKERS / FAN / CONTACT HR / WATER BOTTLE HOLDER / READING RACK / ONE TOUCH SPEED / ONE TOUCH INCLINE / WORKOUT TRACKING / OVERALL DIMENSIONS (L/W/H) - 85" X 36" X 62" / USER WEIGHT - 180 KGS. / 396 LBS.	NOS	3	2,92,953.71	8,78,861.13
10.3	ELLIPTICAL CROSS TRAINER - E7 DISPLAY - 6 LED + 8X32 DOT-MATRIX / DISPLAY FEEDBACK - TIME, SPEED, INCLINE, HEART RATE, DISTANCE, CALORIES / PROGRAM - TARGET, ROLLING, VALLEY, FAT BURN, RAMP, STRENGTH, INTERVAL RANDOM, FITNESS TEST, 4HRC / HEART RATE FEEDBACK - CONTACT AND TELEMETRIC HR SENSORS / POWER REQUIREMENT - SELF POWERED / STRIDE - 20" / RESISTANCE RANGE - 25 LEVELS / FLYWHEEL - 10 KGS. / 22 LBS. / HAND PULSE / HR RECEIVER / RESISTANCE LEVEL CONTROL / MAX. USER WEIGHT - 182 KGS. / 400 LBS. OVERALL DIMENSIONS (LXWXH) - 80"X26"X71"	NOS	2	1,05,207.58	2,10,415.16
10.4	SPINNING BIKE - B55FLYWHEEL - 20 KGS. - 44 LBS. / FRAME - STEEL / HANDLE BAR POST - STEEL, VERTICAL & HORIZONTAL ADJUSTMENT / SEAT POST - STEEL, VERTICAL & HORIZONTAL ADJUSTMENT / DRIVE SYSTEM - BELT (POLY - V) / RESISTANCE SYSTEM - FRICTION BRAKE PAD / RESISTANCE LEVEL - MULTI CONTROL / HANDLE BAR - STANDARD HANDLE BAR / PEDAL - STANDARD PEDAL / BOTTLE HOLDER / MAX. USER WEIGHT - 150 KGS./ 330 LBS. / OVERALL DIMENSIONS (LXWXH) - 51"X25"X53"	NOS	2	71,610.90	1,43,221.80
10.5	PEC FLY / REAR DELT [JC 101]	NOS	1	1,17,669.74	1,17,669.74
10.6	MULTI PRESS [JC 104]	NOS	1	1,03,835.81	1,03,835.81
10.7	LAT PULL DOWN WITH ROWING COMBO. [JB 201-C]	NOS	1	1,17,669.74	1,17,669.74
10.8	SEATED LEG CURL / EXTENSION COMBO. [JL 509]	NOS	1	1,17,669.74	1,17,669.74
10.9	ADDUCTOR / ABDUCTOR COMBO. [JL 506]	NOS	1	1,90,652.41	1,90,652.41
10.10	ABDOMINAL MACHINE [JCR 601]	NOS	1	1,66,239.60	1,66,239.60
10.11	MULTI FUNCTIONAL STATION [JMP 702]	NOS	1	1,63,658.82	1,63,658.82
10.12	45° LEG PRESS [JPL 129]	NOS	1	1,56,939.48	1,56,939.48
10.13	SMITH MACHINE - COUNTER BALANCED [JPL 137]	NOS	1	1,36,014.22	1,36,014.22
10.14	FLAT / INCLINE COMBO. BENCH [JBR 133]	NOS	1	57,544.47	57,544.47
10.15	OLYMPIC DECLINE BENCH [JBR 109]	NOS	1	55,800.70	55,800.70
10.16	SUPER BENCH [JBR 110]	NOS	1	30,167.25	30,167.25
10.17	ABDOMINAL BOARD - ADJUSTABLE [JBR 114]	NOS	1	41,036.77	41,036.77
10.18	BACK EXTENSION [JBR 115]	NOS	1	59,288.25	59,288.25
10.19	PREACHER CURL BENCH [JBR 117]	NOS	1	43,943.05	43,943.05
10.20	DUMBBELL RACK THREE TIER [JBR 123]	NOS	1	52,313.16	52,313.16
10.21	SOLID RUBBERIZED DUMBBELLS [JDSK] (2.5X4 / 5X4 / 7.5X4 / 10X4 / 12.5X4 / 15X4 / 17.5X2 / 20X2 / 25X2 / 30X2 / 35X2)	KGS	465	238.31	1,10,814.15
10.22	RUBBERISED PLATES [JPRK] (2.5X6 / 5X6 / 10X8 / 15X6 / 20X6)	KGS	335	279.00	93,465.00
10.23	OLYMPIC BARS [JOB] (7'X2 / 4'X1)	feet	18	2,092.52	37,665.36
10.24	OLYMPIC EZ BARS [JEZB] (4'X1)	feet	4	2,092.52	8,370.08
11	STEAM BATH FOR MEN AND WOMEN				
11.1	Spruce Pine Wood Commercial Sauna Bath Room, For Gym	Nos	2	4,43,266.87	8,86,533.74
11.12	Steam Bath for Men And women	Nos	2	1,03,463.81	2,06,927.62
11.13	AMC Chagers for Sauna Bath And Steam Bath (For 2nd , 3rd , 4th Year)	Nos	1	4,94,068.76	4,94,068.76
12	FIRE SAFETY				
12.1	SITC of Fire Alarm Control Panel (FACP) SITC of UL, ULC listed and FM approved 32-bit Microprocessor based Intelligent Addressable, Peer-to-Peer networkable, 1-loop, expandable up to 3-loop FACP (Fire Alarm Control Panel). FACP shall have a battery charging capacity of (up to) 6 Ah to 33 Ah. It should be supplied with 12VDC maintenance free battery to operate min. 2 hours in case of emergency conditions. FACP shall have 4.3" color touch screen display and at least 3 custom-programmable buttons for user-specific programmable functions. FACP shall accommodate up to 250 detectors and devices at 100% capacity in any combination. UL 864, 10th edition.	Nos.	1	2,16,076.61	2,16,076.61
12.2	SITC of Active Repeater Panel SITC of UL, ULC listed and FM approved Serial Repeater Panel with 4.3" color touch screen display with supervised power supply from FACP. Repeater Panel shall monitor and control (Scroll, Acknowledge, Reset & Mute) all the events of the FACP to which it is connected and it shall have Port Vectoring / Event Filtering capability of showing only ALARMS, TROUBLES or SUPERVISORY or customized combinations of user selected events.	Nos.	1	88,060.49	88,060.49
12.3	SITC of Smoke Sensor (Photoelectric Optical Smoke) detector with base SITC of UL, ULC listed and FM approved Intelligent Addressable Double Action Indoor Application Manual Pull Stations / Manual Call Points suitable for wall/column mounting. MCP shall have red coloured housing with molded, raised-letter operating instructions of contrast colour. The MCP shall latch mechanically upon operation and shall remain so until manually reset with its key by an authorized operator. The MCP shall have operating temperature range from 0°C to 50°C and humidity tolerance range up to 93% RH, Non-Condensing.	NOS	24	4,940.69	1,18,576.56
12.4	SITC of UL, ULC listed and FM approved Intelligent Addressable Double Action Indoor Application Manual Pull Stations / Manual Call Points suitable for wall/column mounting. MCP shall have red coloured housing with molded, raised-letter operating instructions of contrast colour. The MCP shall latch mechanically upon operation and shall remain so until manually reset with its key by an authorized operator. The MCP shall have operating temperature range from 0°C to 50°C and humidity tolerance range up to 93% RH, Non-Condensing.	NOS	3	5,492.88	16,478.64

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Item No	ITEM DESCRIPTION	Unit	Qty	Awarded Rate	Amount
12.5	SITC of Addressable Notification Devices (Hooter with Strobe). Hooter with Strobe unit shall sit directly on addressable NAC (Notification Appliance Circuit) of FACP, fully supervised and powered from FACP. Hooter and Strobe elements of the combined unit shall have independent activation & deactivation criteria. Hooter shall stop at alarm "Acknowledge" and the Strobe shall stop at panel "Reset". The Hooter and Strobe element of Hooter cum Strobe combined unit shall be selected and triggered independently from FACP for performance check and maintenance. Hooter with Strobe unit shall have provision to be tested by a hand-held field diagnostic tool in "Silent Mode" and "Full Operation Sound Mode". The Strobe shall have multiple selectable candela settings configured and selected from the FACP. The hooter cum Strobe unit shall deliver output up to 94 db at 3m from its installed location. The sounder/strobe unit shall display the voltage received by them at the control panel. The activation & deactivation requirement of Notification devices shall not be deviated. It should support testing of Hooter strobes from FACP for health status as a UL verified feature. Suppliers not having single notification device meeting these requirements shall quote for Hooter cum Strobe with supervised control module separately, powered by FACP NAC. In case of external 24VDC power supply, should be of same make of FACP and should be monitored from FACP.	NOS	4	9,241.99	36,967.96
12.6	SITC of Monitor Module SITC of UL, ULC listed and FM approved Intelligent Addressable, Supervised Monitor Module monitoring Potential-free, Normally Open Dry Contact Input. The Monitor Module shall have operating temperature range from 0°C to 70°C and a humidity tolerance of up to 93% RH, Non-Condensing.	NOS	2	4,533.81	9,067.62
12.7	SITC of Control Modules SITC of UL, ULC listed and FM approved Intelligent Addressable Potential-free, Form-C, SPDT contact based control module to trigger 3rd party utilities like AHU shut-off, Pressurization fan activation, Special notification activation etc. The contact shall be rated for 2A@24Vdc (Resistive) & 1A@24Vdc (Inductive). The control module shall have operating temperature range from 0°C to 49°C and a humidity tolerance of up to 93% RH, Non-Condensing.	NOS	3	5,463.82	16,391.46
12.8	SITC of UL, ULC listed and FM approved Intelligent Addressable, Supervised Short-Circuit Isolator. The Isolator Monitor Module shall have operating temperature range from 0°C to 49°C and a humidity tolerance of up to 90% RH, Non-Condensing.	MTRs	2	6,219.45	12,438.90
12.9	Supplying, installing, testing and commissioning of cabling for fire detection and alarm system with 2 core annealed tinned copper conductor PVC sheathed, flexible, FRLS 2 x 1.5 sq mm armoured cables as per specifications. Cable conductor size should be minimum 1.5 Sq.mm dia and depends on the loop length the contractor should decide the size of the conductor as per their loop power capacity. More than two cables should not be saddled to wall /ceiling. Cables shall be estimated per device basis as per the drawings. Cabling for response indicator/ Input & Output modules to field equipment/ power / LAN / communication cable shall not be considered separately device. The cost of the same shall be included in the unit rate estimated for per device. Note: 2.5 Sq.mm Cables to be used for External Areas and Internal areas with 1.5 Sq.mm cables. Cables enter in the internal areas to first Deives is 2.5 S.mm and Internal devices with 1.5 Sq.mm	MTRs	200	302.25	60,450.00
12.10	4 X 4 Metal Junction Box With PVC Gland For Smoke Detector	NOS	29	697.51	20,227.79
12.11	12V 7AH Maintenance free Dry Battery For Main Panel	NOS	2	3,196.92	6,393.84
12.12	ABC Powder Type FE 4KG	Nos	3	1,953.02	5,859.06
12.13	ABC Powder Type FE 6KG	Nos	2	2,319.22	4,638.44
12.14	CO2 type FE with discharge mechanism 4.5KG	Nos	3	5,798.62	17,395.86
12.15	Clean agent type FE, Complete 2KG	Nos	2	7,629.58	15,259.16
13	CCTV				
13.1	DAHUA 8 ch. Stand-alone metal NVR	NOS	1	4,475.68	4,475.68
13.2	DAHUA 2mp METAL DOOM HDW 1230sp-S4 CAMERA	NOS	8	2,615.66	20,925.28
13.3	NETGEAR 8 PORT GIGA POE SWITCH(GS108LP)	NOS	1	8,602.61	8,602.61
13.4	SURVEILLANCE SEGATE 4 TB HARD DISK	NOS	1	9,823.25	9,823.25
13.5	EXTRA ACCESSORIES (CONNECTOR PVC BOX)	NOS	8	139.50	1,116.00
13.6	4U RACK WITH ACCESSORIES	NOS	1	4,940.69	4,940.69
13.7	ONE TIME CAMERA SETUP INSTALLATION	NOS	1	5,812.57	5,812.57
13.8	DCAT-6 CABLE WITH LAYING AND MATERIAL(Approx)	BUNDLE	1	8,893.24	8,893.24
13.9	CABLE LAYING WITH MATERIAL (Approx)	RMT	305	46.50	14,182.50
14	HVAC				
14.1	Supply of Daikin Variable Refrigerant Flow System - 18 HP ODU	nos.	2	3,18,396.73	6,36,793.46
14.2	Supply of Daikin Variable Refrigerant Flow System				
14.2.1	1.01 TR HI WALL	nos.	1	28,217.70	28,217.70
14.2.2	2.0 TR CONCEALED SPLIT	nos.	1	30,323.50	30,323.50
14.2.3	3.33 TR ROUND FLOW CASSETTE	nos.	2	37,062.05	74,124.10
14.2.4	4.0 TR ROUND FLOW CASSETTE	nos.	6	37,062.05	2,22,372.30
14.3	Supply of Accessories				
14.3.1	Wireless Remote	nos.	10	0.00	-
14.3.2	Branch Joint Pipe - New	nos.	9	6,388.39	57,495.51
14.3.3	Installation, Testing & Commissioning of Daikin Make Variable Refrigerant Flow system 36HP	nos.	1	1,11,636.29	1,11,636.29
14.4	Installation of DAIKIN Make Variable Refrigerant Flow system				
14.4.1	Cassette	nos.	8	0.00	-
14.4.2	Split	nos.	1	0.00	-
14.4.3	CONCEALED	nos.	1	4,837.22	4,837.22
14.4.4	Installation of Refnet & Y Joint	nos.	9	3,100.43	27,903.87
14.4.5	Approx Refrigerant Copper Piping - Supply of necessary VRV Copper Pipe with 13/19 mm thick tubular foam with all necessary supports & hangers.	RMT	150	2,294.80	3,44,220.00
14.4.6	Approx Control Cabling between Indoor & Outdoor Unit	RMT	300	189.53	56,859.00
14.4.7	Drain Pipe Connection (From IDU to the nearest Point) Supply, Installation, Testing & Commissioning of Insulated PVC Drain Pipes with 6mm thk Insulation,	nos.	9	3,100.43	27,903.87
14.4.8	Refrigerant Charging - For VRV	LOT	1	25,269.58	25,269.58
14.4.9	Canvass	nos.	1	3,100.43	3,100.43

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Item No	ITEM DESCRIPTION	Unit	Qty	Awarded Rate	Amount
14.4.10	Duct PC	nos.	1	4,837.22	4,837.22
14.4.11	Grill	RFT.	15	682.40	10,236.00
15	PLUMBING				
15.1	50mm Supply Pipe Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. 50mm	rmt	30	667.01	20,010.30
15.2	Drainage Pipe Providing and fixing in position uPVC/SWR pipe 110 mm dia. in any position including all fittings and accessories, making joints / connections water tight with solvent cement, scaffolding if necessary & making good the damages if any (excluding excavation and refilling the trenches) etc. complete as specified and directed.(No separte payment shall be made for fittings and accessories).	rmt	35	2,278.53	79,748.55
15.3	Providing and fixing in position uPVC/SWR pipe 40 mm dia. in any position including all fittings and accessories, making joints / connections water tight with solvent cement, scaffolding if necessary & making good the damages if any (excluding excavation and refilling the trenches) etc. complete as specified and directed.(No separte payment shall be made for fittings and accessories).	rmt	15	627.76	9,416.40
15.4	Providing and fixing 100mm dia UPVC 40mm deepNahani trap with 150mm square brass C.P. grating of cement joint, PCC bedding etc. complete.	nos	16	1,395.02	22,320.32
15.5	Constructing brick masonry Chmaber For underground C.I inspection chamber and bends with bricks in cement mortar 1 :4 (1 cement : 4 coarse sand) C.I. Cover with frame (light duty) 455x610 mm internal Dimensions , Total weight of cover with frame to be not less than 38 kg (weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) , R.C.C Top slab with 1:1.5:3 MIX (1 Cement : 1.5 Fine sand : 3 Graded stone aggregate 20 mm nominal size) , Foundation Concrete 1:5:10 (1 Cement :5 fine sand : 10 Grade stone aggregate 40 mm nominal size) , inside plastering 12 mm thick with cement mortar 1 : 3 (1 Cement : 3 Coarse sand) , finished smooth with a floating coat of neat cement on wall and bed concrete etc. complete as per standard Desing. 9.30.1 Inside dimensions 455x610 mm and 45cm deep for single pipe line : 19.30.1.1 with common burnt clay F.P.5 (non modular) bricks of class Designation 7.5	nos	4	5,826.45	23,305.80
15.6	Water Tank 6000 liters Make : Sintex Specification : Food Grade Polymer with FDA Approval 100% Virgin Polymer Granules Phthalate Free Polymer Granules & Additives 100% UV Stabilized Tank & Lid	nos	2	93,001.18	1,86,002.36
16	PREFAB SECURITY CABIN- 10' X 4'				
16.1	PREFAB SECURITY CABIN- 10' X 4'				
16.1.1	TOTAL PRICE OF EACH PREFABRICATED SECURITY CABIN	NOs	1.00	1,48,479.60	1,48,479.60
16.1.2	CIVIL WORK FOR FOUNDATION UPTO PLINTH FOR SECURITY CABIN	NOs	1.00	1,16,838.01	1,16,838.01
16.1.3	TRANSPORTATION	NOs	1.00	20,995.00	20,995.00
17	Floor Protection	sqm	375	312.07	1,17,026.25
18	Consultancy Services for designing and planning @ 1% of total cost of the project in line with CPWD PAR – 2023 guidelines: Separate agency for consultancy services having suitable experience. Towards renovation projects for Gymnasium/office/buildings/hotels/Private social clubs/commercial spaces etc. Shall be engaged by the successful bidder for providing requisite designs as per the requirement and overall planning of progressive execution of works for streamlining of various activities to achieve timely completion of works. The successful bidder shall submit the credentials of proposed agency along with their past experience criteria to EIC prior to commencement of works. The agency shall be engaged by the contractor after the go-ahead in this regard by EIC.	Au	1	2,10,650.21	2,10,650.21
TOTAL AWARDED VALUE:				Rs. 2,12,75,671/-	

Akshat Agarwal
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SE (CIVIL)

Vikas K Kulshreshtha
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महा प्रबंधक-प्रधान अभियांत्रिकी सेवार्थ
GM-Head Engineering Services
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WON Basin, ONGC, Vadodara-9