

| PRICE BID<br>Renovation of Resident Engineer's Quarter at 132 kV Srikona Grid Substation<br>NIT No-AEGCL/STTC/TECH-12/2023-24/07 |   |      |       |                         |             |
|--|---|------|-------|-------------------------|-------------|
| Sl. No   | Item Description  | Unit | Qty   | Rate to be Quoted (Rs.) | Amount (Rs) |
| 1  | 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)   | Sq.m | 25.2  |                         |             |
| 2  | Providing and fixing factory made Kitchen Cabinet Shutter/Partition 20 mm nominal thickness of approved shade, quality and make, made from rigid foam sheets (Single extruded) having density 600 Kg/cum and laminated on both side by laminate Sheet/PVC foil lamination. The exposed edges shall be sealed with PVC edge beading of same shade and colour. The shutter shall be fire retardent having necessary screw holding capacity. Shutter shall be fixed to frame using approved hinges with necessary stainless steel screws, all complete as per direction of Engineer-in-charge.   | sqm. | 9.15  |                         |             |
| 3  | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :  | cum. | 1.89  |                         |             |
| 4  | 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)  |      |       |                         |             |
| 5  | Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement:4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.<br>Double charge vitrified tile polished finish of size<br>Size of Tile 600 x 600 mm | Sq.m | 98.86 |                         |             |
| 6  | 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.   | Sq.m | 40.74 |                         |             |

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|----|--|------|--------|--|--|
| 7  | Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalen. | Sq.m | 6.72   |  |  |
| 8  | Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 10.30.2 5.5 mm thick glass panes.   | Sq.m | 1.62   |  |  |
| 9  | Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.   | Sq.m | 435.3  |  |  |
| 10 | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.  | Sq.m | 217.65 |  |  |
| 11 | Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.<br>13.85.3 With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre.   | Sq.m | 217.65 |  |  |
| 12 | 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.<br>13.82.2 Two coats.  | Sq.m | 217.65 |  |  |
| 13 | Finishing walls with Acrylic Smooth exterior paint of required shade : 13.46.1 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)   | Sq.m | 217.65 |  |  |
| 14 | Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10sqm of approved brand and manufacture.   | Sq.m | 133    |  |  |
| 15 | Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture.  | Sq.m | 24.57  |  |  |
| 16 | Applying priming coat:13.50.3 With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works  | Sq.m | 184    |  |  |

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|----|---|------|-------|--|--|
| 17 | Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :<br>13.92.1 Old work (one or more coats)   | Sq.m | 184   |  |  |
| 18 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).<br>9.1.1 Second class teak wood  | Cum  | 0.174 |  |  |
| 19 | Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately)<br>9.5.1 Second class teak wood<br>9.5.1.1 35 mm thick shutters                                   | Sq.m | 10.5  |  |  |
| 20 | Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :<br>17.2.1 W.C. pan with ISI marked white solid plastic seat and lid | Each | 1     |  |  |
| 21 | Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge.<br>14.80.1 Long pattern W.C Pan of size 580x440 mm  | Each | 1     |  |  |
| 22 | Supplying fitting and fixing 87.5 degree PVC bend with door of (Supreme/Prince) or other ISI approved including joining , fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.a) In exposed surfaces or in trenches. (ii) 110mm dia.   | Each | 8     |  |  |
| 23 | 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: 17.7.6 White Vitreous China Angle back wash basin size 400 x 400 mm with single 15 mm C.P. brass pillar tap  | Each | 2     |  |  |
| 24 | Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings : 17.25.1 Flat back wash basin of size 630x450 mm  | Each | 1     |  |  |

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| 25 | Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.   | Each | 1   |  |  |
| 26 | Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 17.73.2 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.   | Each | 2   |  |  |
| 27 | Providing and fixing brass stop cock of approved quality : 18.16.1 15 mm nominal bore  | Each | 3   |  |  |
| 28 | Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 18.53.1 15mm nominal bore.   | Each | 4   |  |  |
| 29 | Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.   | Each | 1   |  |  |
| 30 | Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 18.51.1 15 mm nominal bore.  | Each | 3   |  |  |
| 31 | 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)  | Cum  | 2.4 |  |  |
| 32 | Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). 11.20.1 Light shade pigment using white cement  | Sq.m | 12  |  |  |
| 33 | Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia  | Each | 1   |  |  |
| 34 | Construction of septic tank as per drawing & analysis enclosed & as directed by the department.  | Each | 1   |  |  |
| 35 | Supplying, fitting and fixing PVC pipes of 6 Kg/cm <sup>2</sup> (Supreme/Prince) or other ISI approved including joining ,fitting and fixing wiyh clamps etc.as necessary complete at all levels including below G.L as directed and specified. a) In exposed surfaces or in trenches. (ii) 110mm dia.   | Rm.  | 15  |  |  |
| 36 | Supplying fitting and fixing approved uPVC Pipes of different sizes, with all necessary 'R' brand or similar approved uPVC fittings such as bend, tee, elbow, reducer, nipple, plug, long screw fitting, clamps etc. complete at all levels including below G.L as directed and specified.(A) Exposed or in trenches.SUPREME/PRINCE/SFMC brand or other equivalent approved brand (High pressure pipe Sch-40).(f) 15mm dia | Rm.  | 25  |  |  |

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| 37 | Supplying fitting and fixing Chrome Plated (C.P.) shower 15mm dia. Of approved brand as directed and specified. (Pipes will be measured and paid separately) Jaquar make<br>a) Continental(iii) Pressure adjustable shower with revolving joint  | Each | 2 |  |  |
| 38 | Providing, fitting and fixing recessed soap tray / soap dish complete as directed and specified.(a) Parryware Make. (ii) Wall Soap tray (Cat. No.C9951)  | Each | 3 |  |  |
| 39 | Supplying fitting and fixing Chrome Plated (C.P.) sink cock of approved brand as directed and specified. (G.I. & C.P pipes will be measured and paid separately) (iii)Essco branda) Sink cock with "U" shape swinging casted spout   | Each | 1 |  |  |
| 40 | Supplying fitting & fixing health faucet of Hindware/Jaquar/Essco make as directed by the department   | Each | 1 |  |  |
| 41 | Wiring for light/ fan/ call bell point with 2x1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in surface system, including 6 Amp flush type switch/ bell push (Anchor Penta/Gold medal /Kolor kany.Kom/ Havells or equivalent make as approved by the Deptt.) GI/ MS switch board (ISI marked) half conceal on wall with phenolic laminated sheet cover ,ceiling rose (Anchor/Gold medal /Kolor kany.Kom / Havells or equivalent make as approved by the Deptt.) etc. complete as directed and specified by the Deptt.1.1.1= Short point up to 3.00 metre. length. | Each | 7 |  |  |
| 42 | 1.1.2= Medium point up to 6.00 metre. Length.  | Each | 7 |  |  |
| 43 | Wiring to 5 a pin 6 Amps plug point with 1.5 sq. mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in surface system, including 5 pin 6 Amps flush type plug socket and 6 Amps F/T switch (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.), GI/ MS switch board (I.S.I. marked) with phenolic laminated sheet cover including earth continuity with 1.5 sq. mm. cable to third pin of the plug socket etc. as required complete, when placed elsewhere.1.2.1=Short point up to 3.00 metre. length.                           | Each | 5 |  |  |

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|--------------------------------|--|------|---|---|--|
| 44                             | Wiring for 5/6 pin 16 Amps power plug point with 4 sq. mm. P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in surface system, including providing and fixing 5/6 pin 16 Amps flush type socket outlets and 16 Amps flush type switch ( Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.),GI/ MS switch board (I.S.I. marked) with phenolic laminated sheet cover earth continuity with 2.5 sq. mm cable to the 3rd pin of the socket as required complete.1.3.2= Medium point up to 6.00 metre. Length. | Each | 2 |   |  |
| 45                             | Supplying fitting and fixing industrial Plug & Socket in surface mounting SPN sheet steel powder painted MCB DB incorporated with MCB DIN rail, neutral link Earth bar of the following rating of DP MCB complete with making necessary connection etc. as specified and directed by the Deptt. 13.1.1=20A Capacity. (ABB, Schneider MG, legrand, Hager make)  | Each | 1 |   |  |
| 46                             | Supplying with fitting and fixing single Pole 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.  | Each | 2 |   |  |
| 47                             | Supplying including fitting fixing of following A.C. Exhaust fan in the existing hole on the wall of following sweeps with making necessary connection as approved by the Deptt.)as required complete and as directed by the Department.27.2.1.2= Power Flow 225 mm sweep (ORIENT make)  | Each | 3 |   |  |
| 48                             | Supplying fitting and fixing of ceiling fan regulator including connections etc. complete as required.27.6.2= Electronic Type  | Each | 4 |   |  |
| 49                             | Supplying and fitting fixing of electric storage water heater [Geyser] of AOS-Jaquar make) including necessary connection etc. as required complete and as directed by the Department. 38.2.4. 25 Litre Capacity (Digital Model)   | Each | 1 |   |  |
| Net Amount: (A)                |  |      |   | = |  |
| Add CGST @ 9% on (A):(B)       |  |      |   | = |  |
| Add SGST @ 9% on (A): (C )     |  |      |   | = |  |
| Total Amount: (A)+(B)+(C )     |  |      |   | = |  |
| Total Amount in words: (Rupees |  |      |   |   |  |