

Tender Inviting Authority: Superintending Engineer Electricity Civil Distribution Circle, PVVNL, Meerut.

Name of Work: Miscellaneous civil repair works of old Tubular Tin Shed at Electricity Store Centre at Kherikarmu, Distt.- Shamli

T.S. No: 66 /ECDC/MRT/2022-23

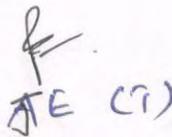
| Sl. No. | Item Description   | Quantity | Units | Estimated Rate in Rs. P | TOTAL AMOUNT in Rs. P | TOTAL AMOUNT In Words  |
|---------|--|----------|-------|-------------------------|-----------------------|--|
| 1       | Excavation in foundation in ordinary soil (loam, clay or sand) including lift upto 1.5 Metre and lead upto 30 metre including filling, watering, and ramming of excavated earth into the trenches or into the space between the building and the side of the foundation or in to the plinth and removal & disposal of surplus earth as directed by the E/I up to a distance of 30m from the foundation trenches.<br>CSI No. 4.01 | 1.00     | Cum   | 195.00                  | 195.00                | INR One Hundred & Ninety Five Only                               |
| 2       | Earth filling under floors and/or substation area including cost of the earth when obtained from within 8 km Outside UPPCL area including its royalty and Carriage including watering, ramming in 20Cm thick layers and dressing of earth etc. All complete.<br>CSI No. 4.10   | 84.00    | Cum   | 433.00                  | 36372.00              | INR Thirty Six Thousand Three Hundred & Seventy Two Only         |
| 3       | Concrete with 4cm gauge stone ballast, coarse sand (F.M. 1.8 to 2.5) & cement in proportion of 12:6:1 in foundations & under floors including supply of all materials, labour and tools and plants etc. required for proper completion.<br>CSI No. 5.02  | 31.00    | Cum   | 5509.00                 | 170779.00             | INR One Lakh Seventy Thousand Seven Hundred & Seventy Nine Only  |
| 4       | Cement concrete with 2cm gauge approved hard stone ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 4:2:1 including supply of all materials, labour, side shuttering if required and T&P etc. required for proper completion of work.<br>CSI No. 5.06  | 0.20     | Cum   | 7085.00                 | 1417.00               | INR One Thousand Four Hundred & Seventeen Only                   |
| 5       | Cement concrete with 2cm gauge approved hard stone ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 3:1.5:1 including supply of all materials, labour, side shuttering if required and T&P etc. required for proper completion of work.<br>CSI No. 5.21  | 0.10     | Cum   | 7575.00                 | 757.50                | INR Seven Hundred & Fifty Seven and Paise Fifty Only             |
| 6       | RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in lintels of doors and windows, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P.<br>CSI No. 5.23    | 0.10     | Cum   | 8742.00                 | 874.20                | INR Eight Hundred & Seventy Four and Paise Twenty Only           |
| 7       | RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc in proportion 1:1.5:3 in raft foundation and footings excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P.<br>CSI No. 5.27  | 0.20     | Cum   | 8344.00                 | 1668.80               | INR One Thousand Six Hundred & Sixty Eight and Paise Eighty Only |
| 8       | RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc in proportion 1:1.5:3 in RCC T-Beam slab and column excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P.<br>CSI No. 5.29  | 0.20     | Cum   | 11048.00                | 2209.60               | INR Two Thousand Two Hundred & Nine and Paise Sixty Only         |
| 9       | 1st class brick (not less than class 150) work in 1:6 C.M. with cement and coarse sand (2.9 to 3.2 F.M) mortar in foundation and plinth including supply of all material, labour and T&P etc. required for proper completion of work.<br>CSI No. 6.01  | 24.00    | Cum   | 4864.00                 | 116736.00             | INR One Lakh Sixteen Thousand Seven Hundred & Thirty Six Only    |
| 10      | 1st class brick work in 1:6 C.M. with cement and coarse sand of 2.25 F.M. mortar in super structure including necessary cutting and moulding of brick as required including honey comb brick work, thickness of wall one brick (230mm) thick in super structure.<br>CSI No. 6.01+6.08  | 2.00     | Cum   | 5183.00                 | 10366.00              | INR Ten Thousand Three Hundred & Sixty Six Only                  |
| 11      | Same as item no. 10 above but for wall of half brick 4.5" (115 mm) thick but in 1:6 C.M. with cement and coarse sand of 2.25 F.M. mortar.<br>CSI No. 6.01+6.09   | 1.00     | Cum   | 5343.00                 | 5343.00               | INR Five Thousand Three Hundred & Forty Three Only               |
| 12      | Brick work in foundation & plinth with old dismantled bricks (supplied by department free of cost) and coarse sand of F.M. 1.8 to 2.5 mortar in 1:6 including supply of all other materials, labour, removing mortar & cleaning of old & used bricks, T&P etc complete.<br>CSI No. 6.18  | 1.00     | Cum   | 2814.00                 | 2814.00               | INR Two Thousand Eight Hundred & Fourteen Only                   |
| 13      | Removal of cement mortar from dismantled bricks and stacking in countable position at place as directed by Engineer in charge including cost of all materials labour and T&P required for proper completion of work.<br>CSI No. 6.22   | 2.00     | %o    | 1357.00                 | 2714.00               | INR Two Thousand Seven Hundred & Fourteen Only                   |
| 14      | 25mm.thick Damp proof course with cement concrete consisting of 1 part cement, 1½ parts approved coarse sand and 3 parts approved 12 mm graded stone grit and also including liquid water proofing material as approved Engineer-in-charge in proportion as specified by the manufacturer.<br>CSI No. 7.02   | 2.00     | Sqm   | 339.00                  | 678.00                | INR Six Hundred & Seventy Eight Only                             |



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| 15 | Mild Steel or Iron work in heavy sizes such as trusses built up gates, door frames, record, racks roof work gates etc. wrought to required form including holes rivetting or welding where necessary and also fixing in proper position and alignment including cost of all materials supplied by contractor.<br>CSI No. 9.01  | 0.100  | M.T. | 98843.00 | 9884.30   | INR Nine Thousand Eight Hundred & Eighty Four and Paise Thirty Only |
| 16 | TMT/Tor steel in plain work such as reinforced concrete or reinforced brick work (when not included in an over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage, bend, hooks and authorized overlapping shall be measured. (Steel shall be arranged by the contractor).<br>CSI No. 9.03   | 0.010  | M.T. | 87889.00 | 878.89    | INR Eight Hundred & Seventy Eight and Paise Eighty Nine Only        |
| 17 | Supply and fixing galvanised mosquito proof jali (16x24 gauge) with M.S. flat of 20 x 3 mm. size, on both sides screwed or welded to window or door frame.<br>CSI No. 9.18   | 1.00   | Sqm  | 728.00   | 728.00    | INR Seven Hundred & Twenty Eight Only                               |
| 18 | Providing and Fixing Concertina coil fencing with required dia 600 mm up to 3m height of wall existing angle iron "Y" shaped placed 2.4 m or 3.00 m apart and with 6 horizontal R.B.T. 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 (No. of Rounds will be 7 to 8 in one meter length) as per direction of Engineer-in charge with reinforced barbed tape (R.B.T.) / Spring core (2.5 mm thick) wire of high tensile strength of 165 kg/s.q.mm. with tape (0.52 mm thick) of supreme make or equivalent and weight 43.478gm/meter (cost of M.S. angle, C.C. blocks shall be paid separately)<br>CSI No.9.37 | 1.00   | RM   | 337.00   | 337.00    | INR Three Hundred & Thirty Seven Only                               |
| 19 | Supply and Fixing 24 B.W.G . G.C. Iron sheet roofing fixed in position with J or U bolts 10 mm dia with G.I. Limpet & bitumen washers including supply of all material, labour, wastage and T&P etc required for proper completion of work.<br>CSI No. 10.01   | 520.00 | sqm  | 679.00   | 353080.00 | INR Three Lakh Fifty Three Thousand & Eighty Only                   |
| 20 | Supply and Fixing 24 B.W.G Galvanized Iron Ridges valley and gutters for roofing fixed with J or U bolts 10 mm dia with G.I. Limpet & bitumen washers including supply of all material, labour, wastage and T&P etc required for proper completion of work.<br>CSI No. 10.02   | 30.00  | RM   | 497.00   | 14910.00  | INR Fourteen Thousand Nine Hundred & Ten Only                       |
| 21 | 12 mm thick plaster with cement mortar consisting of one part of cement & four part of coarse sand (1:4), minimum thickness not to be less then 10 mm including supply of all material, labour and T&P etc for proper completion of work.<br>CSI No. 11.07   | 65.00  | Sqm  | 192.00   | 12480.00  | INR Twelve Thousand Four Hundred & Eighty Only                      |
| 22 | Same as item No. 21 above but with 1:6 cement and coarse sand mortar.<br>CSI No. 11.09   | 10.00  | Sqm  | 182.00   | 1820.00   | INR One Thousand Eight Hundred & Twenty Only                        |
| 23 | S/mixing approved water proofing compound (CICO,DR FIXIT etc) in cement mortar in plaster or concrete work in the proportion as recommended by the manufacturer.<br>CSI No. 11.15  | 6.00   | Kg   | 47.00    | 282.00    | INR Two Hundred & Eighty Two Only                                   |
| 24 | Providing (12x15) mm section groove in plaster including all material, labour and T&P etc. required for proper completion of the work.<br>CSI No. 11.16  | 2.00   | RM   | 12.00    | 24.00     | INR Twenty Four Only  |
| 25 | 40 cm thick 1:2:4 plain cement concrete floor with cement, approved coarse sand & 2cm graded approved stone ballast laid in panels finished with 3mm floating coat of neat cement or cement and marble dust in ratio of 5:1 as specified and removing any overlapping mortar at the joints of the panels if any and giving them a uniform finish including supply of all materials, labour and T&P etc, required for proper completion of the work. without base CC.<br>CSI No. 12.04  | 1.00   | Sqm  | 413.00   | 413.00    | INR Four Hundred & Thirteen Only                                    |
| 26 | First class bricks on Edge floor laid dry, joints sand filled, including preparation base to proper slope and its ramming including supply of all materials, labour and T&P etc, required for proper completion of the work.<br>CSI No. 12.07  | 310.00 | Sqm  | 546.00   | 169260.00 | INR One Lakh Sixty Nine Thousand Two Hundred & Sixty Only           |
| 27 | Supply and Laying 8 mm thick glazed floor tiles of Somany, Johnson or equivalent make, laid with 1:3 cement and approved coarse sand mortar finished with white cement slurry, jointing and polishing complete,including supply of all materials, labour and T&P etc. completion required for proper completion of the work.<br>CSI No. 12.11  | 1.00   | Sqm  | 1084.00  | 1084.00   | INR One Thousand & Eighty Four Only                                 |
| 28 | Supply and Laying 6 mm thick glazed tiles in skirting / dado laid with 1:3 cement and approved coarse sand mortar finished with white cement slurry, jointing and polishing complete,including supply of all materials, labour and T&P etc. completion required for proper completion of the work.<br>CSI No. 12.12  | 1.00   | Sqm  | 747.00   | 747.00    | INR Seven Hundred & Forty Seven Only                                |
| 29 | Providing and fixing glass strips of 3.15 mm thickness & 40mm depth in joints of floor and skirting at the time of laying floors, flush with floor level including supply of all materials, labour & T&P etc. required for proper completion of work.<br>CSI No. 12.14   | 1.00   | RM   | 33.00    | 33.00     | INR Thirty Three Only   |
| 30 | Providing and laying 18 mm. thick Kota stone in flooring or skirting over base cement mortar 1:4 mix and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete and including supply of all materials labour and T&P etc required for proper completion of the work.<br>CSI No. 12.17  | 0.10   | Sqm  | 1254.00  | 125.40    | INR One Hundred & Twenty Five and Paise Forty Only                  |
| 31 | Supply of 80 mm thick I shaped mechanically compressed inter locking cement concrete paver block manufactured by high pressure & controlled vibration machine having plan dimension 200X(160+120 mm) with minimum 5 mm thick topping of O.P.Cement mixed with 25% marble powder. The compressive strength of concrete pavers blocks shall not be less than 30 MPa & 4.5 Kg/No. including cost of all material, labour, T&P etc. required for proper completion of work as directed by Engineer-in-charge but excluding G.S.T. which shall be paid extra as per rules.<br>CSI No. 12.23   | 1.00   | Sqm  | 1027.00  | 1027.00   | INR One Thousand & Twenty Seven Only                                |

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| 32 | Painting or varnishing new iron work in small areas or new wood work with one coat of ready mixed priming paint and one coat of approved superior quality ready mix paint "Luxol" or equivalent brand or varnish including supply of all materials, labour and T&P etc. required for proper completion of the work. Paint to be used should conform to the I.S. 103-1950.<br>CSI No. 13.01   | 10.00  | Sqm | 77.00   | 770.00   | INR Seven Hundred & Seventy Only                   |
| 33 | Same as item No.32 above but for every coat after 1st coat.<br>CSI No. 13.02   | 10.00  | Sqm | 36.00   | 360.00   | INR Three Hundred & Sixty Only                     |
| 34 | Same as item no. 32 above but every coat on previously painted old wood or steel work.<br>CSI No. 13.03  | 10.00  | Sqm | 49.00   | 490.00   | INR Four Hundred & Ninety Only                     |
| 35 | Applying Birla or equivalent putty on new interior or exterior surface over one coat of water based cement primer of ICI or equivalent brand for smoothening and leveling of the surface as per requirement and direction of Engineer I/C including cost of all material, labour, T & P etc required for proper completion of work.<br>CSI No. 13.20   | 70.00  | Sqm | 89.00   | 6230.00  | INR Six Thousand Two Hundred & Thirty Only         |
| 36 | Applying BIRLA PUTTY or equivalent putty on previously bila putty smoothen surface over one coat of water base cement primer of ICI or equivalent brand for smoothening and leveling of the surface as per requirement and direction of E/I including cost of all material, labour and T&P required for proper completion of work.<br>CSI No. 13.21  | 0.00   | Sqm | 43.00   | 0.00     | INR Zero Only                                      |
| 37 | Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metres.<br>CSI No. 15.01   | 1.00   | Cum | 575.00  | 575.00   | INR Five Hundred & Seventy Five Only               |
| 38 | Dismantling reinforced cement concrete or reinforced brick work, including stacking of dismantled materials as directed by the Engineer-In-charge within a distance of 60 metres.<br>CSI No. 15.03   | 1.00   | Cum | 1277.00 | 1277.00  | INR One Thousand Two Hundred & Seventy Seven Only  |
| 39 | Dismantling corrugated iron & asbestos roof sheet and stacking of materials as directed by the Engineer-in-charge within a distance of 60 metres.<br>CSI No. 15.07   | 520.00 | Sqm | 47.00   | 24440.00 | INR Twenty Four Thousand Four Hundred & Forty Only |
| 40 | Dismantling cement concrete or brick or granolithic floors including base concrete and including stacking of dismantled materials as directed by the Engineer In-charge within a distance of 60 metres.<br>CSI No. 15.05   | 1.00   | Sqm | 66.00   | 66.00    | INR Sixty Six Only                                 |
| 41 | Dismantling doors and windows chowkhats including stacking of materials as directed by Engg-in-Charge within a distance of 60 metres.<br>CSI No. 15.10   | 1.00   | Sqm | 74.00   | 74.00    | INR Seventy Four Only                              |
| 42 | Dismantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M.<br>CSI No. 15.11  | 1.00   | Sqm | 47.00   | 47.00    | INR Forty Seven Only                               |
| 43 | Scrapping old white or colour wash or distemper including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M.CSI No. 15.12   | 1.00   | Sqm | 14.00   | 14.00    | INR Fourteen Only                                  |
| 44 | Renewing panes of 4.8 to 5.7 mm glass including supply of glass with putty and brads including supply of all materials, labour and T&P etc. required for proper completion of the work.(a) glass of 4 mm thick.<br>CSI No. 20.04 (b)   | 1.00   | Sqm | 838.00  | 838.00   | INR Eight Hundred & Thirty Eight Only              |
| 45 | Disposal of Rubbish / debris out side the UPPCL area directed by the Engineer-I/C including cartage labour, and materials, T&P required for proper completion of work.(no deduction for voids shall be made)<br>CSI No. 20.16  | 1.00   | cum | 370.00  | 370.00   | INR Three Hundred & Seventy Only                   |
| 46 | Supply and replacing of following chromium polished iron fittings including cost of nuts, bolts etc.complete. (a) L drops 16 mm dia x 300 long<br>CSI No. 20.17 (a)  | 1.00   | Nos | 187.00  | 187.00   | INR One Hundred & Eighty Seven Only                |
| 47 | Same as item No.46 above but for (c) Tower bolts 10 mm dia x 100 mm long.<br>CSI No. 20.17 (c)   | 1.00   | Nos | 64.00   | 64.00    | INR Sixty Four Only                                |
| 48 | Same as item No.46 above but for (d) Iron hinges 100 mm size.12 gauge.thick.<br>CSI No. 20.17 (d)  | 1.00   | Nos | 77.00   | 77.00    | INR Seventy Seven Only                             |
| 49 | Same as item No. 46 above but for (f) M.S.handles 100 mm size.<br>CSI No. 20.17 (f)  | 2.00   | Nos | 39.00   | 78.00    | INR Seventy Eight Only                             |
| 50 | Wiring point for light with 1.5 sq. mm. FR PVC insulated multistrand single copper conductor cable in PVC conduit pipe concealed in the wall, 14 SWG copper PVC coated Earth continuity wire, and approved quality, piano type switch ceiling rose/angle/batten holder as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respect.<br>UP PWD SOR 2016 131 (C)                             | 1.00   | Nos | 518.00  | 518.00   | INR Five Hundred & Eighteen Only                   |
| 51 | Wiring point for fan/fresh air fan (light duty exhaust fan) 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable PVC conduit pipe concealed in the wall, 14 SWG copper earth continuity wire and approved quality, piano type switch & ceiling rose as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respects as per direction of E/I.<br>UP PWD SOR 2016 133 (C) | 1.00   | Nos | 595.00  | 595.00   | INR Five Hundred & Ninety Five Only                |
| 52 | Wiring point for plug with 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable in PVC conduit pipe concealed in the wall 14 SWG copper earth continuity wire and approved quality type switch and socket as per approved sample etc. of matching shade with wall colour complete in all respects as per direction of E/I<br>UP PWD SOR 2016 134 (C)   | 1.00   | Nos | 275.00  | 275.00   | INR Two Hundred & Seventy Five Only                |
| 53 | Supply and fixing of power plug with 15A/240V V flush type switch and 5 pin 15A/250V flush type universal socket in suitable M.S. box of 175mmx 100mmx50mm size with phenolic laminated bakelite sheet cover 3mm thick fixed with brass machine screw and cup washer.<br>UP PWD SOR 2016 1139  | 2.00   | Nos | 270.00  | 540.00   | INR Five Hundred & Forty Only                      |

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| 54                            | Providing and fixing of 110 mm dia PVC pipe 6 Kg/ Sq.cm for with special such as Tee, bend, socket, elbow etc including supply of all labour, material, T & P etc complete required for proper completion of work.<br>CSI No. 26.17   | 2.00   | RM   | 261.00  | 522.00           | INR Five Hundred & Twenty Two Only  |
|                               | Supply and Fixing of 3 blade ceiling fan 1200 mm of Havells or equivalent including all material, T&P etc required for proper completion of work as approved by engineer in charge.<br>CSI No. 28.39  | 1.00   | Each | 2894.00 | 2894.00          | INR Two Thousand Eight Hundred & Ninety Four Only                             |
| 56                            | Water Proofing coat with 3mm thick neat cement layer including 200 ml water Proofing Compound like as Dr. Fixit and other equivalent with all labour T&P .<br>NSI   | 1.00   | sqm  | 80.00   | 80.00            | INR Eighty Only   |
| 57                            | Finishing of walls with three coats water proof exterior emulsion paint "ACE" "Out Look" or equivalent make on new work including one priming coat (1 Liter paint diluted including 0.75 liter of water) to give an even shade complete including cost of all materials, labour and T&P etc. as per direction of E/I.<br>NSI  | 121.00 | sqm  | 76.50   | 9256.50          | INR Nine Thousand Two Hundred & Fifty Six and Paise Fifty Only                |
| 58                            | Supply and wiring of submain with two numbers 4 sq. mm FR PVC insulated 1100 V grade multistand single core copper conductor cable in 25 mm dia heavy duty (2 mm thick) PVC conduit concealed in wall complete with 1 number 2.5 Sq. mm FR PVC insulated multistand copper conductor cable as earth continuity wire etc. complete in all respects.<br>UP PWD SOR 2016 211 C | 1.00   | RM   | 150.00  | 150.00           | INR One Hundred & Fifty Only  |
| 59                            | Supply and fixing 6A to 32A SP MCB C curve- 10 KA<br>UP PWD SOR 2016 1002 C   | 1.00   | Nos  | 105.00  | 105.00           | INR One Hundred & Five Only   |
| 60                            | S/F 63 amp. S.P. Isolator of approved make and as per sample approved by E/I.<br>UPPWD SOR 2016 1004(B)   | 1.00   | Nos  | 150.00  | 150.00           | INR One Hundred & Fifty Only  |
| 61                            | S/F surface/flush mounting 8 ways SPN distribution board without MCB complete in all respect as per direction of E/I<br>UPPWD SOR 2016 1024 (B)   | 1.00   | Nos  | 1430.00 | 1430.00          | INR One Thousand Four Hundred & Thirty Only                                   |
| <b>Total in Figures</b>       |   |        |      |         | <b>972510.19</b> | INR Nine Lakh Seventy Two Thousand Five Hundred & Ten and Paise Nineteen Only |
| <b>Quoted Rate in Figures</b> |   |        |      |         | <b>0.00</b>      | INR Zero Only   |
| <b>Quoted Rate in Words</b>   |   |        |      |         | INR Zero Only    |   |

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