

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.,**  
(CIN No. U40109 MH 2005 SFC 153646)

**EHV CIVIL CONSTRUCTION CUM MAINTENANCE DIVISION-PARBHANI**

EXECUTIVE ENGINEER (Civil)  
MSETCL, EHV CCCM Division,  
Old Power House Premises, Jintur Road, Parbhani (431 401).  
Parbhani Dist :Parbhani -431 401

Tel (O) :02452-242002(O)  
E-mail : ee2720@mahatransco.in  
Web: www.mahatransco.in

No. EEC/Dn./PBN /Tech/W-53/No 0 3 7 8

Date : 24 JUN 2024

**E-Enquiry**  
**QUOTATION NOTICE**

The sealed percentage rate quotations are invited for the following works from the Civil Contractors preferably registered with PWD, Railway and such other department or experienced in similar works of equivalent amount in M.S.E.T.C.L Ltd. The quotations should be submitted in the office of The Executive Engineer (Civil) EHV CCCM Division, MSETCL, Parbhani, Old Power House Premises, Jintur Road, Parbhani from Dt. 25.06.2024 to on or **before Dated 02.07.2024 (Tuesday) up to 16.00 Hrs. (Time).**

The blank quotation will be issued on or before Dt. 01.07.2024 up to 18.00 Hrs. on applications by contractors, producing the Certificate of valid registration.

Sr. No.	Name of work	Estimated cost	E.M.D.	Time Limit
1.	The work of various routine civil Maintenance works at 132 KV S/S & 220 kV S/S Parbhani & its premises for offices & Colony, Dist. Parbhani.	Rs. 6,31,507.25/-	Rs. 6,316.00/-	12 Calendar Months

Submitted for further needful please.

  
(S.A. Chougule)  
**Executive Engineer (C)**  
**EHV CCCM Dn. Parbhani.**

**Copy S.W.R.S. To:**

1. The Superintending Engineer (C) EHV CCCM Circle, MSETCL, Chhatrapati Sambhaji Nagar.  
...This is as per approval vide Ltr. No. 0587 Dt. 13.06.2024.

**Copy To:**

1. The I.T. section zone office Chhatrapati Sambhaji Nagar.  
-For Publication of E-enquiry on MSETCL website.
2. The Addl. Executive Engineer (C) EHV CCCM Sub Division, Parbhani.
3. The Dy. Manager (F&A), EHV CCCM Division, Parbhani.  
-The amount of this work is Chargeable to sanctioned estimate No. P-06 / 2024-25 R&M  
Dt. 14.06.2024 under R&M Budget.
4. Notice Board.

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Parbhani Dist :Parbhani -431 401.

Tel (O) :02452-242002(O)  
E-mail : [ee2720@mahatransco.in](mailto:ee2720@mahatransco.in)  
Web: [www.mahatransco.in](http://www.mahatransco.in)

Date :

**TERMS AND CONDITIONS:**

**Subject:** The work of various routine civil Maintenance works at 132 KV S/S & 220 kV S/S Parbhani & its premises for offices & Colony, Dist. Parbhani.

**Dear Sir,**

The Sealed percentage rate quotations are invited from Govt. registered & experienced Contractors for the above work as per schedule enclosed. The quotation should reach to the office of the Executive Engineer (Civil) EHV CCCM Division, MSETCL, Parbhani, Old Power House Premises, Jintur Road, Parbhani from Dt. 25.06.2024 to on or **before Dated 02.07.2024 (Tuesday) up to 16.00 Hrs. (Time).**

**TERMS AND CONDITIONS:**

- 1) The work should be carried out as per P.W.D. specification and instructions of the Engineer in-Charge and to the satisfaction of the undersigned.
- 2) The quantities mentioned in the attached schedule are approximate and likely to vary. However, payment will be made as per the work actually executed and measured. The rates shown in enclosed schedule B are inclusive of GST.
- 3) The work should be completed within **TWELVE (12) CALENDER MONTHS** from the date handing over the site, failing which the contractor shall be liable to pay as compensation an amount equal to one percent or such similar amount as the competent authority may decide of the W.O. cost for every day the work remain unfinished after due date of completion subject to the maximum 10% of the cost of the order.
- 4) The work which is of bad workmanship quality will not be measured and paid.
- 5) Contractor shall have to arrange for require any equipment, cement, steel etc. at his own cost without involving any financial implications to MSETCL.
- 6) Other material such as require labour, tools, Equipment and plant will have to arrange by the contractor at his own cost.
- 7) The water arrangement /Electricity will have to be made by the contractor at his own cost and it is not binding on the part of department to provide water /Electricity for the work. In case in water/ Electricity is supplied by Department, then the water /Electricity will be charged at the rate 1% of work done for water/Electricity consuming item or 0.25% of total value of work order as decided by the Engineer in-charge.

The contractor will have to make good the damages if any made by him during the execution of work at his own cost.

- 9) The material should be got approved prior to fixing from the Engineer in-charge.
- 10) The contractor should submit the purchase vouchers for cement, steel with the bill invariably.
- 11) Income Tax as per the prevailing income Tax rule and subsequent amendment thereof will be recovered at source of your bill on total value of work done for which the certificate will be issued if desired.
- 12) As per corporate office Circular No. 7199 Dt. 30.06.2016, the deduction of the labour cess 1% will be effected from each RA bill and as per any amendment from time to time will be applicable.
- 13) Contractor will be held responsible for accident occurred during the course of the work and will have to pay the compensation as per the act 1923 and subsequent amendment thereof.
- 14) Contractor should submit his bill in triplicate through Addl. Executive Engineer (Civil) EHV CCCM Sub-Division, Nanded-I to the undersigned. Payment will be made within 45 days period from the date of receipts of bill to this office.
- 15) The terms and conditions in the M.S.E.T. Co. Ltd. Booklet 'Tender and contract work' will stand applicable for this work.
- 16) You will have to deposit **5.00 %** of quotation value as a security deposit against the amount of work order in cash/ DD of any nationalized Bank within 07 days from the date of receipt of LOI, if you will stand successful bidder, failing which EMD will stand forfeited.
- 17) The contractor's offer will be considered as inclusive of all taxes and charges and it will be the contractor's responsibility to pay the taxes to Government and same will not be reimbursed to the contractor.
- 18) Your own offer should be quoted in words and figures scratches and over written rates shall not be considered if not initialed.
- 19) The contractor has to pay earnest money to **Rs. 6,316.00/-** in cash/RTGS/NEFT/In form of DD of any Nationalized Bank in favor of the EE (C), EHV CCCM DIVISION, MSETC Ltd. PARBHANI. If the EMD receipt of required amount is not found in an envelope, quotation will be rejected.
- 20) The undersigned reserves the right to reject any or all quotations without assigning any reason what so ever.
- 21) GST will be recovered from your bill as per GST norms.
- 22) **Special condition:** The payment shall be effected as per fund availability. Due to shortage of fund there are chances of delay in payments for which the agency will have to bear with the Dept. No. any of claim on this account will be entertained.
- 23) The estimated cost of the work is **Rs. 6,31,507.25/-** only. (Inclusive of all Taxes)
- 24) As per revised circular issued by Dy. Directorate of Insurance Maharashtra State, the contractor shall, apart from other relevant insurance, submit labour insurance @ 0.5 % of contract value to EHV CCCM Division Parbhani before starting of the work. The insurance cover shall be procured by the contractor from Director of insurance Govt. Insurance Fund, Govt. of Maharashtra .

Contractor has to submit the valid registration, Work Experience of civil work under Govt. body, GST registration certificate, EMD Paid Receipt are as a mandatory documents at the time of submission of Quotation.

- 26) The rates should also be submitted on Separate letter head of agency in addition to above all.

  
**Executive Engineer (C)**  
**EHV CCCM Dn. Parbhani.**

**Copy S.W.R.S. To:**

1. The Superintending Engineer (C) EHV CCCM Circle, MSETCL, Chhatrapati Sambhaji Nagar.  
...This is as per approval vide Ltr. No. 0587 Dt. 13.06.2024.

**EHV CIVIL CONSTRUCTION CUM MAINTENANCE DIVISION-PARBHANI**

**Work:** The work of various routine civil Maintenance works at 132 KV S/S & 220 kV S/S Parbhani & its premises for offices & Colony, Dist. Parbhani.

**Schedule B**

S.N.	Particulars of Item	Qty.	Rate	Unit	Amount Rs.
1	Dismantling brick masonry in lime or cement mortar and stacking the materials as directed with all leads, lifts etc. complete. Spec. No. : As directed by Engineer-in-charge.	0.50	397.28	Cum	198.64
2	Removing rich mix cement concrete including stacking the spoils as directed with all leads, lifts etc. complete. Spec.No.: As directed by Engineer-in-charge.	0.50	1102.89	cum	551.45
3	Removing cement tiles, or marble or polished shahabad floor or dado without bed concrete including stacking the materials as directed with all leads, lifts etc. complete	10.00	53.37	sqm	533.70
4	Removing wooden or A.C. partition including frame work and stack-ing the materials as with all leads, lifts etc. complete.	1.00	47.44	sqm	47.44
5	Removing doors and windows with frames and stacking the materials as directed with all leads, lifts etc. complete.	3.00	185.00	Nos	555.00
6	Removing ventilators and small windows with frame and stacking the materials with all leads, lifts etc. complete.	1.00	156.54	Nos	156.54
7	Excavation for foundation in earth, soils of all types, sand, gravel and soft murum, hard murrum etc. including removing the excavated material upto a distance of 50 m. beyond the building area and stacking or spreading as directed, preparing the bed for the foundation and necessary back filling, ramming, watering, including shoring and strutting as necessary complete. In B. C. Soil & Soft Murrum.... lift upto 1.5m	3.00	245.49	Cum	736.47
8	Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.	10.00	142.31	Cum	1423.10
9	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete.	1.00	1359.04	Cum	1359.04
10	Providing and laying in situ, cement concrete in 1:4:8 of trap/ granite/quartzite/gneiss metal for foundation and bedding including bailing out water, plywood/steel formwork, compacting, etc complete as directed	1.00	7437.96	Cum.	7437.96

11	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)	1.00	7598.07	Cum	7598.07
12	Providing and laying Cast in situ/Ready Mix cement concrete in M15 of trap/ granite/quartzite/gneiss metal for bed blocks, foundation blocks and such other items including bailing out water, Steel centering, formwork, laying/ pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)	2.00	8192.20	Cum	16384.40
13	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	0.20	106378.79	MT	21275.76
14	Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)	1.00	9075.70	Cum	9075.70
15	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel	1.00	16996.32	Cum	16996.32

	centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)				
16	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)	1.00	15200.87	Cum	15200.87
17	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)	1.00	17173.02	Cum	17173.02
18	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)	0.50	17173.02	Cum	8586.51

19	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in above <u>plinth beam &amp; super structure</u> including striking joints, racking out joints watering and scaffolding complete	1.00	10231.95	Cum	10231.95
20	Providing second class Burnt Brick masonry with conventional / I.S. type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm. diameter/2 hoop iron strips 25 mm x 1.6 mm placed at every third course, properly bent and bounded at ends scaffolding, racking out joints and watering complete	1.00	1412.41	Sqm	1412.41
21	Providing soling using 80 mm size granite / quartzite / gneiss / trap metal in 15 cm. layer including hand packing filling voids with sand / grit, ramming, watering etc complete. ( Including Royalty)	1.00	2395.52	Cum	2395.52
22	Providing internal cement plaster 12 mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete or brick surface in all positions including scaffolding and curing etc. complete.	2.00	345.10	Sqm	690.20
23	Providing internal cement plaster 6mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete.	2.00	317.82	sqm	635.64
24	Providing sand faced plaster for external portion in cement mortar using Kharsalia / Kasaba or similar type of sand, in all positions including base coat of 15 mm. Thick in C.M. 1:4 using water proofing compound at 1 kg per cement bag, curing the same for not less than 3 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in C.M. 1:4 finishing the surface by taking out grains, making grooves and curing for fourteen days scaffolding etc. complete.	2.00	791.00	Sqm	1582.00
25	Providing and fixing Vitrified tiles of all sizes and minimum thickness of 5mm for dado and skirting in required positions after making the wall portion to required level with C.M.1:4 and fixing tiles with ready made adhesive (including all specials required like round corner tiles, angles, cups etc.) filling joints with white cement slurry, curing and cleaning complete.	2.00	1897.44	Sqm	3794.88
26	Providing and laying Vitrified tiles of all sizes and minimum thickness of 5mm for flooring in required position laid on bed of C.M.1:6 including neat cement float, filling joints with neat white cement slurry, curing and cleaning complete. (including all specials required, like round edge tiles, corner cups)	1.00	1395.81	Sqm	1395.81
27	Providing and Laying ceramic tiles of approved quality , required size and 5 to 6 mm thickness for flooring in required position laid on bed of C.M.1:4 including cement float, filling joint with white / colour cement slurry, cleaning, curing, complete.	1.00	1401.73	Sqm	1401.73



28	Providing and fixing ceramic tiles of approved quality , required size and 5 to 6 mm thickness for dado and skirting in required position with ready made adhesive mortar of approved quality in required position after making the wall portion in level in plaster of C.M. 1:4 including joint filling with white/colour cement slurry cleaning curing complete.	1.00	1488.31	Sqm	1488.31
29	Providing and laying 25mm thick precast polished chequered cement tiles 25 cm x 25 cm x 20 mm thick of approved colour and pattern with white and coloured marble chips upto maximum size 6mm for flooring in required position set on bed of C.M. 1:6 including neat cement float, filling joints with neat coloured cement slurry, curing polishing and rubbing complete.	1.00	871.64	Sqm	871.64
30	Providing sills of required material 20mm to 25mm thick, on a bed of cement mortar 1:4 including cement float, filling joints with neat cement slurry, curing, moulding edges, polishing, cleaning complete. b) Granite	2.00	4608.41	Rmt	9216.82
31	Providing and fixing 1st class white glazed earthenware "Orissa type" W.C. Pan 620 x 450 mm size including 'P'or 'S'trap UPVC soil and vent pipe upto the outside face of the wall, 1:5:10 cement concrete bedding, 10 litre fibre high level flushing cistern with fittings, inlet pipe with stop tap, bracket for fixing the cistern, 32 mm dia. UPVC flush pipe with fitting and clamps, 20 mm dia. UPVC over flow pipe with mosquito proof coupling, chain and pulley, painting of the exposed pipe and cutting and making good walls and floor, testing etc. complete.(Prior approval of sample and brand by Ex. Engineer is necessary before use.)	1.00	4751.91	Nos	4751.91
32	Providing and fixing white glazed earthenware full stall type Urinal without cistern, stop tap with inlet pipes and 32 mm dia. UPVC flush pipe, with fitting and flushing arrangement including UPVC soil pipe, UPVC trap and soil pipe connection upto the outside face of the wall, making good to damaged surface testing etc. complete. (Prior approval of sample and brand by Ex. Engineer is necessary before use.)	2.00	11590.99	Nos	23181.98
33	Providing and fixing white glazed earthenware Wash Hand Basin of 55 cm x 40 cm size including cold water pillar tap, brackets, rubber plugs and brass chain, stop tap, chromium plated bottle trap and necessary pipe connections including UPVC waste pipe and trap upto the out side face of the wall, making good the damaged surface, testing etc. complete. (Prior approval of sample and brand by Ex. Engineer is necessary before use.)	2.00	6639.86	Nos	13279.72
34	Providing and constructing granite kitchen platform with fixing of stainless steel sink 600mmx450mm size as per detailed drawing including vertical both side polished kadappah stone 25to30mm thick	1.00	11653.85	Nos	11653.85

	supports with kadappa top 35to40mm thick and polished granite 16 to 20 mm top with side strip of granite at front and both sides of platform raised with two vertical granite supports 15cm height and top granite of 75x40cm including cutting, opening for sink of required size in kadappa has well as granite etc. complete. (Platform top size 5.00 m x 0.60 m and height is 0.75 m)				
35	Providing and fixing 10cm C.I. Nahani Trap (long arm) including symet grating, bend, connecting piece of C.I. pipe upto the outside face of the wall, making good the damaged surface, testing etc. complete. (Prior approval of sample and brand by Ex. Engineer is necessary before use.)	1.00	1336.52	Nos	1336.52
36	Providing and fixing 15 cm x 10 cm salt glazed stoneware gully trap in cement concrete 1:4:8 outside the building including symet grating in the sink, connecting glazed stoneware pipe, brick masonry chamber with R.C.C. lid and Symet grating for the gully trap, testing etc. complete. (Prior approval of sample and brand by Ex. Engineer is necessary before use.)	1.00	1897.44	Nos	1897.44
37	Providing and constructing <u>Brick Masonry Inspection Chamber 90 cm x 45 cm</u> including 1:4:8 cement concrete foundation, 1:2:4 cement concrete channels, Brick Masonry, plastering from inside and airtight R.C.C.lid with frame fixed in cement concrete, curing, testing etc. complete	1.00	14158.49	Nos	14158.49
38	Providing and constructing Brick Masonry Inspection Chamber 60 cm x 45 cm including 1:4:8 cement concrete foundation, 1:2:4 cement concrete channels, Brick Masonry, plastering from inside and air- tight R.C.C. lid with frame fixed in cement concrete, curing, testing etc. complete.	1.00	12705.73	Nos	12705.73
39	Providing , laying and fixing ,jointing Eco- drain 110 mm SN 8 Nu-Drain Upvc pipes or of equivalent make, manufacture as per EN 13476 or equivalent as per I.S.15328 with fittings such a bends, tees, coupler, etc, jointing with rubber lubricant including necessary excavation, trench refilling with selective excavated material etc. complete.	20.00	387.80	Rmt	7756.00
40	Providing , laying and fixing ,jointing Eco- drain 160 mm SN 8 Nu-Drain Upvc pipes or of equivalent make, manufacture as per EN 13476 or equivalent as per I.S.15328 with fittings such a bends, tees, coupler, etc, jointing with rubber lubricant including necessary excavation, trench refilling with selective excavated material etc. complete.	20.00	602.44	Rmt	12048.80
41	Providing and fixing UPVC SOIL / VENT / WASTE SWR pipe of 100 mm diameter conforming to I.S.-13592, and I.S.-4985 to withstand continuous internal hydraulic pressure of 4 kg/cm2 including necessary fixtures and fittings, such as bends, tees, single junctions, double	2.00	934.49	Rmt	1868.98

	junctions and joining with rubber rings and lubricants, on wall by means of clips or in ground including necessary excavation, laying refilling, trench testing etc. complete. (Prior approval of sample and brand by Ex. Engineer is necessary before use.)				
42	Providing and fixing 450 mm x 550 mm size superior type mirror with 16 mm dia. Nickel plated towel rod etc. complete. (Prior approval of sample and brand by Ex. Engineer is necessary before use.)	1.00	1021.07	Nos	1021.07
43	Providing and fixing in position 450 mm long hydraulic door closed of approved ISI make at all position etc. completed.	1.00	1711.26	Nos	1711.26
44	Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted / welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade complete.	0.10	120776.80	MT	12077.68
45	Providing and laying cement concrete flooring 40 mm thick with 1:2:4 cement concrete laid to proper level and slope in alternate bays, including compacting, PVC/ Glass/Aluminum strips at joints, marking lines to give appearance of tiles of 30 cm x 30 cm or other size laid diagonally/square etc. finishing smooth adding water proof compound (with extra cement) in any colour as directed and curing complete.	5.00	666.48	Sqm	3332.40
46	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete.	5.00	94.87	Sqm	474.35
47	Providing and applying two coats of textured synthetic paint of approved shade and quality and one coat of primer before applying textured paint including scaffolding if necessary preparing surface by thoroughly cleaning oil, grease, dirt and other materials as required, etc. complete.	5.00	193.31	Sqm	966.55
48	Providing and fixing in position anodized aluminium double leaf door fully glazed with or without ventilators of various size as per detailed drawing and design and specification including aluminium box type door frame of size 44.45x101.60x3.18 mm or any other standard approved section 5.50 mm thick clear vision plain sheet glass for upper and middle portion of shutter nova pan panelling for lower portion of shutter having top and middle rails (2 Nos. Located centrally at a clear distance of 300 mm of alluminium box type section of size 48.44 x 44.45 x 3.18 mm or any other standard approved section fixing to door frame with brass pivot arrangement at	4.00	10306.66	Sqm	41226.64

	top and bottom of shutter including heavy duty approved make concealed type double action floor spring for easy swing of shutter aluminium PVC rubber bedding other aluminium fixtures and fastening such as handles of size 200x100 mm fixed with 1/2 BSW stud with nuts on both faces required number 6 inches aluminium tower bolts brass mortise lock of approved quality including making good the damage existing structure, if any, to original condition and all leads and lifts all as per drawing directed by the Engineer-in-charge.				
49	Providing and fixing in position anodized aluminum double leaf door fully glazed with or without ventilators of various size as per detailed drawing and design and specification including aluminum box type door frame of size 44.45x101.60x3.18 mm or any other stander approved section 5.50 mm thick clear vision plain sheet glass for upper and middle portion of shutter nova pan paneling for lower portion of shutter having top and middle rails (2 Nos. Located centrally at a clear distance of 300 mm of aluminum box type section of size 48.44x44.45x3.18 mm or any other stander approved section fixing to door frame with brass pivot arrangement at top and bottom of shutter including heavy duty approved make concealed type double action floor spring for easy swing of shutter aluminum PVC rubber bedding other aluminum fixtures and fastening such as handles of size 200x100 mm fixed with 1/2 BSW stud with nuts on both faces required number 6 inches aluminum tower bolts brass mortise lock of approved quality including making good the damage existing structure, if any, to original condition and all leads and lifts all as per drawing directed by the Engineer-in-charge.(Labour rate only)	2.00	2396.71	sqm	4793.42
50	Providing and fixing in position anodized aluminum single leaf door fully glazed with or without ventilators of various size as per detailed drawing and design and specification including aluminum box type door frame of size 44.45x101.60x3.18 mm or any other stander approved section 5.50 mm thick clear vision plain sheet glass for upper and middle portion of shutter nova pan paneling for lower portion of shutter having top and middle rails (2 Nos. Located centrally at a clear distance of 300 mm of aluminum box type section of size 48.44x44.45x3.18 mm or any other stander approved section fixing to door frame with brass pivot arrangement at top and bottom of shutter including heavy duty approved make concealed type double action floor spring for easy swing of shutter aluminum PVC rubber bedding other aluminum fixtures and fastening such as handles of size 200x100 mm fixed with 1/2 BSW stud with nuts on both faces required number 6	2.00	9667.46	Sqm	19334.92

	inches aluminium towe bolts brass mortise lock of approved quality including making good the damage existing structure, if any, to original condition and all leads and lifts all as per drawing directed by the Engineer-in-charge				
51	Providing and fixing solid core flush door commercial type on single leaf 16 mm thick Bison Panel cement bonded particle Board including Teak wood lipping beading on all four edges without ventilator commercial type of exterior grade as per detailed drawings with wrought iron hold fast, stainless steel fixtures and fastenings and handles on both sides and finishing with oil painting three coats complete.	5.00	4552.68	Sqm	22763.40
52	Providing and fixing in position. (as per I.S.1868 / 1982) Aluminum sliding window of two tracks with rectangular pipe having overall dimension 63.50 x 38.10 x 1.02 mm at weight 0.547 kg/Rmt. and window frame bottom track section 61.85 x 31.75 x 1.20 mm at weight 0.695 kg/Rmt. Top and side track section 61.85 x 31.75 x 1.30 mm at weight 0.659 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. And handle section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. and top section 40 x 18 x 1.25 mm at weight 0.417 Kg/Rmt. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass with all required screws and nuts etc, complete. With colour Anodising without box.	5.00	5768.22	Sqm	28841.10
53	Providing and fixing in position aluminum louvered windows/ ventilators of various sizes with powder coating as per detailed drawings and specifications including aluminum frames 80 x 38 mm box type 5 mm thick sheet glass louveres, clips / rubber plain P.V.C. gaskets of approved quality etc. complete. (Sample to be got approved from Ex. Engineer before use)	5.00	4111.52	Sqm	20557.60
54	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineerincharge with all necessary Aluminium sections fixtures and fastenings such as roller	5.00	6433.51	Sqm	32167.55

	bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With colour Anodising without box				
55	Proving and laying alluminium chequered plate covers with plate size 3 mm thick chequered supported on 25x25x5mm angle frame provided peripherally and diagonally including all fabrication reveting the chequered plates to the angle frame, providing lifting arrangement to every cover, all as per direction of Engineer-in-charge.	5.00	4480.81	Sqm	22404.05
56	Providing and casting in situ cement concrete M-15 of trap/ granite/quartzite/gneiss metal for coping to plinth or parapet, moulded or chamfered as per drawing or as directed including steel centering, plywood/steel formwork compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.)	1.00	8341.62	Cum	8341.62
57	Providing and fixing Modular false ceiling of 600 x 600 mm center to center and 13 mm thick square mineral fiber board to be fixed on frame work of alluminium sections for suspended false ceiling consisting of alluminium T 2"x1 1/2" (50 mm x 40 mm) weighing 0.39 kg/m at 60 cms center center and fixed with 1/2" x 1/2" (15 x 15 mm) flanges weighing 0.19 kg/m suspended on 6 mm dia mild steel rod weighing 0.22 kg/m, fixed on wall and beams including rounding of the edges with alluminium T of 2" x 1 1/2" (50 mm x 40 mm) weighing 0.39 kg/m etc. (all alluminium sections shall be anodized) including all labour, material, lifts etc. complete.	5.00	3045.39	Sqm	15226.95
58	Providing and applying putty to new plastered surfaces in two coats to receive approved paint in all positions including all materials, labour scaffolding and curing etc. complete.	5.00	106.73	Sqm	533.65
59	Providing and laying medium grade (type) galvanised iron pipe having embossed ISI Mark on it, of required diameter with screwed, sockets, joints, necessary galvanized iron fittings such as sockets, back nuts, elbows, bends, tees, reducers, enlargers, plugs, clamps etc. including necessary excavation, back filling, fixing with clamps, testing etc. complete. (Prior approval of sample and brand by Ex. Engineer is necessary before use.) for 15mm Dia. pipe	5.00	538.40	Rmt	2692.00
60	25mm Dia. Pipe	5.00	757.80	Rmt	3789.00
61	40mm Dia. Pipe	2.00	911.96	Rmt	1823.92


62	Providing and fixing screw down 15 mm dia wheeled stop tap/bib cock of brass/PVC including necessary sockets, union nut, testing etc. complete. (Prior approval of sample and brand by Ex. Engineer is necessary before use.)	2.00	795.74	Nos	1591.48
63	Providing and fixing screw down of 25mm dia. wheeled stop tap of brass/PVC including necessary sockets, union nut, testing etc. complete. (Prior approval of sample and brand by Ex. Engineer is necessary before use.)	1.00	1041.22	Nos	1041.22
64	Providing and fixing screw down of 40mm dia. wheeled stop tap of brass/PVC including necessary sockets, union nut, testing etc. complete. (Prior approval of sample and brand by Ex. Engineer is necessary before use.)	1.00	1388.69	Nos	1388.69
65	Providing, hoisting and fixing in position rotational moulded polythylene water storage tank of SYNTEX Or Equivalent make having ISI/ISO mark with walls of required thickness up to any capacity as per specifications and with man-hole cover at top including necessary socket for inlet, over flow scour pipe with plug (all 25 mm dial) outlet socket including all lead and lifts etc. complete all as directed.	500.00	13.05	Litre	6525.00
66	Providing and applying two coats of flat oil paint of approved colour to the old structural steel work and iron work previously painted in building including scaffolding, if necessary, cleaning and preparing the surface (excluding primer coat) etc. complete	2.00	67.60	Sqm	135.20
67	Providing and fixing colour coated Zinalume ( R ) AZ150 ( min 150 gms/sq.mt. total on each side ) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness ( BMT ) (0.5 mm TCT ), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND ( R ) steel quality super durable polyester paint coat ( with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm center-to-center. The end rib shall be designed for anti-capillary groove. and return leg. The feed material should have coil manufacturers product details marked a regular interval. Including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (weight of profile 4.52 kg/sqm)	5.00	1391.07	Sqm	6955.35
68	Providing and fixing of colour coated Zinaluminium( R ) AZ150 ( min 150 gms/sq.mt. total on each side ) profiled sheets for roofing. The	2.00	890.62	Rmt	1781.24

	feed material is manufactured out of nominal 0.45 mm Base Metal Thickness ( BMT ) (0.5 mm TCT ), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated withAluminium-Zinc alloy (55% aluminiumm 43.4% zinc 1.6% silicon) with COLORBOND ( R ) steel quality super durable polyster paint coat ( with inorganic pigment). The paint shall have a total coating thickness of nominal 35 mm, comprising of nominal 25mm exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with sublet square fluting in the five pan at nominal 180-250 mm center-to-center. The end rib shall be designed for anti-capacity groove. and return leg. The feed material should have coil manufacturers product details marked a regular interval. including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (weight of profile 4.52 kg/sqm) 600 mm girth (Surface Width).				
69	Replacement of damaged Aldrop 300 mm Chromium plated of approved quality and make to door shutter including removing existing the same in original position making proper adjustment for smooth operation etc. complete as per sample approved by Engineer in-charge	2.00	444.72	Nos	889.44
70	Providing cement based water proofing treatment to terraces (Indian water proofing or alike) with brick bats laid in required slope to drain the water for any span after cleaning the base surface. Applying a coat of cement slurry admixed with approved water proofing compound and laying the brick bats on bottom layer in C.M.1:5 admixed with approved water proofing compound filling up to half depth of brick bats, curing this layer for 3 days, applying cement slurry over this layer joints of brick bats with C.M.1:3 admixed with approved water proofing compound and finally top finishing with average 20 mm. thick layers of same mortar added with jute fiber at 1 Kg per bag including finishing the surface smooth with cement slurry admixed with approved water proofing compound. Marking finished surface with false squares of 300mm x 300 mm. making the junctions at the parapet rounded and tapered top for required height, with drip mould at the junction of plaster and parapet and curing and covering 10 years Guarantee against leakproofness on Court fee stamp paper of Rs. 500/- including ponding test etc. complete.	2.00	1369.72	Sqm	2739.44
71	Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	5.00	315.45	Rmt	1577.25



72	Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	2.00	367.63	Rmt	735.26
73	Providing and fixing on walls /ceiling/ floor 40 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	2.00	639.21	Rmt	1278.42
74	Providing and fixing 15 mm dia. screw down bib/ stop tap of brass/CPVC including necessary socket union nut complete.	1.00	795.74	Nos	795.74
75	Providing and fixing 20 mm dia. screw down bib/ stop tap of brass/cpvc including necessary socket union nut complete.	1.00	1150.32	Nos	1150.32
76	Providing and fixing 25 mm dia. screw down bib/ stop tap of brass/cpvc including necessary socket union nut complete.	1.00	1619.94	Nos	1619.94
77	Providing services of unskilled on day to day basis. Duty period shall be eight hours per day including half an hour recess. Rate is inclusive of all taxes.	2.00	768.46	Days	1536.92
78	Providing and fixing on walls/ ceiling/ floor 25 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	2.00	444.72	Rmt	889.44
79	Supplying & execution of JCB hour for various unforeseen works at colony premises, etc. complete. As directed by Engineer in Charge	3.00	1508.46	Hours	4525.38
80	Removing the existing cement plaster of any thickness without causing dust nuisance and stacking the debris upto a distance of 50 metres or spreading in the compound and cleaning the site etc. complete.	10.00	61.67	Sqm	616.70
81	Labour charges for removing grass, thorny shrubs, Jungli shrub, Kubabul and alike grass along roadside making the ground clean by showel and phavaras etc. complete.	50.00	8.31	Sqm	415.50
82	Cutting down trees including trunks and branches with girths above 60cm to 90cm and stacking the materials neatly with all lifts and lead of 1000m. as directed and earth filling in the depression/pit if any.	5.00	1004.46	Nos	5022.30
83	Dismantling the existing submersible pump with GI pipeline up to 10m depth. (For additional depth of each 3 m or part thereof add Rs.50/- per 3 m, in the rates)	2.00	4550.30	No	9100.60
84	Supplying & erecting D.O.L Starter suitable for 415 V, 3 phase 50 cycles with no volt coil and overload element with necessary materials and connected to supply up to 7.5 H.P.	2.00	2211.71	No	4423.42

85	Supplying & erecting flat flexible 3 core 4 sq.mm PVC sheathed submersible type copper cable suitably clamped at fixed intervals with column pipe assembly	100.00	227.69	Rmt	22769.00
86	Supplying and installing armoured single mode optical fibre cable 12 fiber, core dia 50/125µm. (OS1/OS2) 10/40 GBPS speed in provided underground HDPE pipe complete.	100.00	132.82	Rmt	13282.00
87	Provide Service of skilled labour /day Sparing services skilled male labour. Labour charges for skilled labour at the site of work.	10.00	802.86	Days	8028.60
88	Providing P.V.C. Flushing tank (12 ltr. Capacity)	2.00	1272.48	No	2544.96
89	Providing and fixing collapsible steel gate in one / two leaves with hot rolled vertical channels of 18 x 9 x 3 mm minimum size, crossings of M.S. flats of size 18 x 5 mm T or E section for runner of minimum 40 x 6 mm size for flange, M.S. flat for top runner of minimum size 40 x 12 mm with roller wheels conforming to grade F.G. 150 fitted with snap headed rivets of minimum size 6 mm max. spacing of vertical channels be 100 mm enclosed gate position and clear space of 150 mm between two sets of crossings with hold fasts, stoppers, spaces, handles, locking arrangement and one coat of red lead primer and oil painting etc. complete. (I.S. 105211983).	4.00	4756.65	Sqm	19026.60
<b>Total Rs. =</b>					<b>6,31,507.25</b>

  
**Executive Engineer (C)**  
 EHV CCCM Division, MSETCL,  
 Parbhani