

Technical Specification

- 1.0 **SCOPE OF THE WORK:** "Construction of a building for TLM Office and Security room with Toilet at Palakkad S/S."
- 2.0 The work shall be executed in accordance with the specification stipulated in the Bill of Quantity and other bidding documents read along with CPWD (Central Public Works Department) specification—2019, for civil works .For non-schedule items specification as given in the BOQ, along with tender document and similar items of CPWD shall be applicable.
- 3.0 List of approved Vendors at attached Annexure A
- 4.0 Tender drawings: Tender drawings are attached for indicative purpose only.
- 5.0 Field Quality plan: All tests on materials and finished products as required in field quality plan shall be arranged by the contractor at his cost. Standard Field Quality plans No. Doc No. C/FQA/SFQP/SITE-CIVIL-2012 Rev 04 dt 03.08.2020 for civil works for site package is applicable.
- 6.0. Entire scope of works shall be completed and handed over to Power grid within 9 (Nine) months from the date of LOA.
- 7.0. Permissible quantity variation shall be as per GCC/SCC.

*2/12/20
(Am/Eng/Dep/)*

List of Vendors.

Annexure A

Sl.No	Items	Approved makes
1	Cement	As per POWERGRID Compodium of vendors
2	Reinforcement steel	As per POWERGRID Compodium of vendors
3	Structural steel items	As per POWERGRID Compodium of vendors
5	Water proofing compound and adhesives	Pidillite, Fosroc & CICO & Dr Fixit or Equivalent
6	Flush door shutters	Greenply, Centuryply, Kit ply or equivalent
7	Pressed steel doors Profile B Steel door frames and Tubulr section windows.	Deccan structures, Bengaluru and Madhu industries Bengaluru or equivalent
8	PVC doors	Sintex/TATA/Fenesta or Equivalent
9	WPC frame/shutter	Alstone, Greenply, Ecoste or Equivalent
10	uPVC window/door	Fenesta, Starline, NCL Wintech, Prominace or Equivalent
11	Prelaminated particle boards, Ply wood boards	Green ply/Kit ply/Century ply/National ply or Equivalent
12	Vitrified floor tiles Glazed ceramic tiles, Anti skid floor tiles	Ist quality of Johnson, Khajaria and RAK or Equivalent
13	Aluminium section	Hindalco, Jindal, Indal, Deccan or equivalent
14	Glazing	Modi Glass, Saint Gobain and AIS glass or Equivalent
15	Silicon sealents	Dow Corning, wacker, GE or Equivalent
16	Wall putty	Birla, Asian and JK or Equivalent
17	Aluminium hard ware fittings	Crown, Jyothi, Classic and Prakash or Equivalent
18	Locks	Arch, Kich, Ozone, Godrej or Equivalent

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Sl.No	Items	Approved makes
19	Interior and Exterior paints	Asian, Berger, ICI dulux ,Nerolac or Equivalent
20	Sanitary fittings like Wc's, Wash basin, Urinals etc	Parryware/ Hindware/Jaquar or Equivalent
21	CP Fitting like taps, Angle cocks , stop cocks	Jaquar/Kohler/Parryware or Equivalent
22	CPVC Pipes	Astral/ Ashirvad/ Prince/ Supreme/ Finolex or Equivalent
23	UPVC pipes/PVC pipes/SWR pipes	Prince, Supreme, Sudhakar, Finolex, Ashirvad or Equivalent
24	CPVC and UPVC fittings 7 SN4 pipes	Prince, Supreme, Finolex, Ashirvad or Equivalent
25	Gate Valve with IS mark	Zoloto, Leader, Audco or Equivalent
26	Cast Iron (CI) covers	BIC, Neco and Zenith or Equivalent
27	PVC storage tanks	Anti Bacterial Ist quality Sintex, Polycon and Rotex or Equivalent
28	Kitchen sink	Future, Prince &Diamond or Equivalent
29	Roof sheet	Jindal,Bansal,Hindalco Everlast or Equivalent
30	Premoulded Expansion Joint filler	Dura board,Shalitex board or equivalent
31	Laminates	Formica,virgo,Greenlam,Century or Equivalent
32	Door & window Hardware Fixture/fittings	Arch, Kitch, Ozone, Dline, Godre or Equivalent
33	False ceiling	Armstrong,Saint Gobin or equivalent
34	Dash fasteners/Anchor bolt,Stainless bolts,Nuts screws, washer etc	Hilti ,Fischer,Bosch or euivalent

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