

KERALA STATE NIRMITHI KENDRA

Opposite Govt. polytechnic college staff quarters, Kodumbu.P.O,
Palakkad- 678551 PH: 0491 2571492

The Regional Engineer , Kerala State Nirmithi Kendra, Palakkad invites sealed tenders from contractors of PWD, MES, Railways, Accredited Agencies of KESNIK for the following work.

Name of work : Renovation works at THQH
Mannarkkad,Palakkad.

Period of completion : 4 Months from the date of Agreement

PAC : Rs. 38,61,423/-

EMD : Rs. 50,000/-

Cost of Tender form : Rs. 5,800/- + VAT (Original)
: Rs. 2,900/- + VAT (Duplicate)

Last date of issue of Tender Document : 1.00 Pm on 16/07/2014

Closing date of tender : 3.00Pm on 16/07/2014

Opening date of Tender ; 3.30Pm on 16/07/2014

The undersigned has the right to reject all or any of the tenders without assigning reasons.

24/06/2014

Sd/-

Regional Engineer

SCHEDULE OF WORKS

Offer No:- 51/2014 - 24/06/2014

Name of work : Renovation works at Mannarkkad THQH,Palakkad.

SI No	DETAILS OF WORKS	QTY		RATE		AMOUNT
I	Dismantling & Demolishing Works					
1	Demolishing cement concrete including disposal of material within 50 metres lead:	1.00	M ²			
2	Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	6.00	Nos			
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping round within 50 metres lead.	6.00	M ²			
4	Demolishing brick work manually /Mechanically including stacking of the servicable materials and disposal of unserviceable material within 50 metres lead:	15.00	M ³			
5	Dismantling of Door & windows of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	11.00	Nos			
II	Earth work excavation for foundation in all classes of soil with an intial lead upto 50 mts and lift up to 1.50 mts including the breaking the clods watering ramming etc complete	3.00	M ³			
III	R R masonry for foundation in C M 1:6 for foundation including levelling up to plinth level	3.00	M ³			
IV	Brick work in CM 1:6 with country burnt briks (nominal size 22.9cmX11.2cmX7.0cm) for Super structure	110.00	M ³			
V	Brick work in CM 1:6 with country burnt briks (nominal size 22.9cmX11.2cmX7.0cm) for half brick wall in super structure	28.00	M ²			
VI	R.C.C 1:11/2:3 using 20 mm nominal size metal including all cost conveyance and labour charges etc complete for lintel.	6.00	M ³			
VII	Reinforcement for RCC work, bend, tied and placed in position (plain grill required bending cold) using tor steel.	400.00	Kgs			
VIII	Wall Plastering with CM 1:4, 12mm thick including all cost and conveyance etc complete.	1140.00	M ²			
IX	Steel framed works for doors & windows using by MS Angle, sheet and plane rods,including all cost,conveyance&all other labour charge etc.	1600.00	Kgs			
IX,A	Providing and fixing anodised aluminium work for doors, windows ventilators and partitions with extruded builtup standard tubular and other sections of approved make conforming to IS 733 and IS 1285, anodised transparent or dyed to required shade according to IS:1868.(Minimum anodic coating of grade AC 15),fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of grace at junctions at top bottom and sides with required PVC/neoprene felt etc.Aluminium sections shall be smooth,rust free ,straight mitred and jointed mechanically wherever required including cleat angle,Aluminium snap beading for glazing/panelling,C.P. brass/stainless steel screws,all complete as per architectural dwawings and the directions of Engineer-in-charge.(Glazing and panelling to be paid for separately.)	270.00	Kgs			

IX,B	For shutters of doors, windows & ventilators including providing and fixing stainless steel friction hinges and making provision for fixing of fittings wherever required (fittings shall be paid for separately).	7.00	Nos			
IX,C	Prelaminated particle board with decorative lamination on both sides	27.00	M ²			
IX,D	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge.	42.00	M ²			
	With glass panes of 5.5 mm thickness (weight not less than 13.75 kg/sqm)					
IX,E	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete-	25.00	M ²			
IX,F	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete-	30.00	NOS			
IX,G	Providing and fixing aluminium handles 100MM ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete-	30.00	NOS			
XI	White washing two coats with white cement over plastered surface inside and outside including cost of materials, labour charge etc. complete.	950.00	M ²			
XI,A	Colour washing with Acrylic smooth exterior paint two coat & including suitable priming coat (one coat) including cost of materials, labour charge etc. complete.	1715.00	M ²			
XI,B	Removing white and colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc complete.	765.00	M ²			
XI,C	Painting with synthetic enamel paint approved quality and colour one coat (over the priming coat already done) after cleaning the surface with sand paper as per instruction including cost of materials, labour charge etc. complete.	300.00	M ²			
XII	Providing and fixing 1st quality vitrified tiles (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make like NITCO, ORIENT, SOMANY KAJARIA, JONSON or equivalent make in all colours laid on 20 mm thick CM 1:4, with necessary pure cement grout for proper binding of the tiles to mortar including grouting the joints with suitable colour cement including cost of materials, labour charge etc. complete.	17.00	M ²			
XII,A	Providing and fixing 1st quality ceramic glazed tiles conforming to IS:13753 of minimum thickness 5mm of approved make like NITCO, ORIENT, SOMANY KAJARIA, JONSON or equivalent make in all colours shades except begundy, bottle green, black of any size as approved by Engineer-in-charge for, risers of steps and dados over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade etc complete.	727.00	M ²			
XIIB	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) NITCO, ORIENT, SOMANY KAJARIA, JONSON etc or equivalent of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	186.00	M ²			

XIIC	Laying Granite slab of approved colour and thickness 18mm or nearest laid on 20 mm thick cement mortar 1:4 and pointing the joints matching pigment etc including the cost conveyance of all materials about charges etc complete..	4.00	M ²			
XIII	Steel work in built up tubular trusses including cutting, hoisting fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. complete.	2100.00	Kgs			
XIII,A	Laying G I sheet	205.00	M ²			
XIII,B	PVC false ceiling:- Providing and fixing suspended false ceiling with PVC including all cost and conveyance etc . complete all as per specifications	200.00	M ²			
	ELECTRICAL WORKS					
A	Supply and wiring points for rooms using rigid PVC black conduit of minimum size black 20mm or 19mm (3/4")and with suitable size specials fixing the conduit using metal saddles/winding wire for tying not exceeding 60cm suitably and with 1.00sqmm and 1.5sqmm PVC insulated stranded single core for copper conductor cable 650 V grade continuous earthing with no 16swg copper or copper insulated wire 1.5sqmm wire for circuit with ceiling rose suitable size metal switch boards with hylem sheet front cover including 5/A swches with all connections etc complete.(wires and switches should have ISI).	81.00	pts			
B	-do- single control ceiling fan points as details above specification including suitable size regulator boards with socket type stepped electronic regulator with all connections etc complete.	30.00	pts			
C	Supply and providing combined plug point with 6A,5 pin plug socket controlled by 6 A switch in the same switch board as that of light points etc complete	13.00	pts			
D	Supply and providing combined plug point with 6A,5 pin plug socket controlled by 6 A Modular switches in the Individual plug board wiring with proper earthing switch board same specification as that of light points explained in item no 1 complete	13.00	Nos			
E	Supply and wiring 16/A modular power plug (5x1) universal socket using suitable size boards with 16/ams combined shutter socket and controlled by 16/A switch with including and fuse etc complete	21.00	Nos			
F	Supply and drawing 2x2.5sq.mm PVC insulated 650/1100volt grade copper wire (ISI) with earth lead and supply and fixing 19mm PVC conduit with specials in recess giving connections including cost of materials and labour charges etc complete. For power plug and other power supply	100.00	Mtr			
G	Supply and drawing 2x4.00sq.mm PVC insulated 650/1100volt grade copper wire (ISI) with earth lead and supply and fixing 19mm PVC conduit with specials in recess giving connections including cost of materials and labour charges etc complete. For power supply	60.00	Mtr			
H	Supply and drawing 2x2.5sq.mm PVC insulated 650/1100volt grade copper wire (ISI) with earth lead threw existing PVC conduit with specials in recess giving connections including cost of materials and labour charges etc complete. For power plug and other power supply(only wire)	55.00	Mtr			
I	Supply and fixing rigid PVC black conduit of minimum size black 20mm or 19mm and with suitable size specials fixing the conduit using metal saddles/winding wire for tying not exceeding 60cm suitably including making good surface where damaged .	45.00	Mtr			

I1	Supply and fixing rigid PVC black conduit of minimum size black 25mm and with suitable size specials fixing the conduit using metal saddles/winding wire for tying not exceeding 60cm suitably including making good surface where damaged .	5.00	Mtr			
J	Supply and drawing bare copper No 14 swg single run earthing and giving connections including cost of materials and labour charges etc complete	100.00	Mtr			
K	Supply and drawing bare copper No 12 swg single run earthing and giving connections including cost of materials and labour charges etc complete	80.00	Mtr			
L	Supply and fitting distribution board 8/10way 240volt MCB box double door with 40/A 2 pole isolated 6 nos 6/Ams / 10Ams MCB fixing the DB and giving connections the DB fitting on angle frame work or on wall and provision of earth connection etc complete.	2.00	Nos			
M	Supply and fixing distribution board 4/16way 415volt double door fitting on wall testing and commissioning with providing 1 No 63/Ams 4pole ELCB /RCCB and 40/A 3 pole MCB 1No 40Ams 2pole MCB 1No 3Nos 10,16 Ams MCB unit including cost of all materials labour charges connection DB and giving connections the DB fitting on angle frame work or on wall and provision of earth connection etc complete.	2.00	Nos			
N	Supply and drawing UG Cable size of 10sqm x 4core Aluminium Armoured cable x LP5 along with wall surface recess neatly using suitable size clamb for 3 Phase supply from existing main board to new DB including cost of materials and labour charges and giving connection etc complete.	45.00	Mtr			
O	Supply and fitting 40amps 4 pole MCB change over or main switch type and fixing on the existing DB or wall fixing and giving connection etc complete.	1.00	Nos			
P	Supply and fitting 40amps 2 pole MCB change over or main switch type and fixing on the existing DB or wall fixing and giving connection etc complete.	1.00	Nos			
Q	Supply and fitting 63 amps 415 VOLT TP MCB unit and giving connection etc complete.	1.00	Nos			
R	Supply and providing industrial plug unit 20 a metal enclosure plug and socket pin controlled by 20Aor 25 A MCB fixing on box and giving connection etc complete.(for AC or other power supply)	2.00	Nos			
ELECTRICAL FITTINGS						
A	Supply, conveyance ,installation ,testing and commissioning of pre wired fluresenttube light fitting with tube and accessories fixing on wall using 2nos bracket bracket or suspension type arrangements and giving connections as required for box type single tube light fittings (1x36watts electronic approved make).	52.00	Nos			
B	Supply, conveyance ,installation ,testing and commissioning of 1200mm sweep ceiling fan using standard accessories and giving connection including cost of all materials and labour charges etc complete.(Approved make)	21.00	Nos			
C	Supply and fitting bulk lead out side lead out side light front clear glass with suitable size CFL 11watts bulb and giving connection etc complete.	8.00	Nos			
D	Supply and fitting angle/sraight brass lined skiot back light holder with 15 watts CFL bulb with suitable size box and giving connection etc complete.	11.00	Nos			
E	Supply and fixing 2Tonne AC with all charges	1.00	Nos			
F	Supply and fixing 1Tonne AC with all charges	1.00	Nos			
PLUMBING WORKS						
A	Supply and fixing E.W.C with flush tank	4.00	Nos			

B	Supply and fixing I.W.C with flush tank	4.00	Nos			
C	Supply and Fixing good quality Counter bottom wash basin of approved make and colour (white glazed) wire size of 20" including cost conveyance of wash basin bolt, angle valve, connecting tube, pillar tape etc. complete. (standard make)	4.00	Nos			
C1	Supply and Fixing good quality Counter bottom wash basin of approved make and colour (white glazed) wire size of 20" including cost conveyance of wash basin bolt, angle valve, connecting tube, pillar tape etc. complete. (oval shape standard make)	2.00	Nos			
C2	Supply and fixing stainless steel zinc size of 24x18x10 best quality with waste coupling including cost of materials and labour charges.	1.00	Nos			
C3	Supply and fixing zinc tap/long body chromium plated	3.00	Nos			
C4	Supply and fixing surgical tap chromium plated	1.00	Nos			
C5	Supply and fixing brass valve 20mm size	2.00	Nos			
C6	Supply and fixing brass valve 25mm size	2.00	Nos			
D	Supply and fixing 25 mm dia best quality PVC pipe with specials Including cost conveyance of all materials and labour charges etc. complete	40.00	Mtr			
E	Supply and fixing 32 mm dia best quality PVC pipe 4 kg/cm2 with necessary specials Including cost conveyance of all materials and labour charges etc. complete	45.00	Mtr			
F	Supply and fixing 50mm dia best quality PVC pipe of 4 kg/cm2 with necessary specials Including cost conveyance of all materials and labour charges etc. complete	42.00	Mtr			
G	Supply and fixing 63 mm dia best quality PVC pipe 4 kg/cm2 with specials Including cost conveyance of of all materials and labour charges etc. complete	50.00	Mtr			
H	Supply and fixing 75 mm dia best quality PVC pipe 4 kg/cm2 with specials Including cost conveyance of of all materials and labour charges etc. complete	10.00	Mtr			
I	Supply and fixing 110 mm dia best quality PVC pipe 4 kg/cm2 with specials Including cost conveyance of of all materials and labour charges etc. complete	45.00	Mtr			
J	Supply and fixing 1 inch valve	1.00	Mtr			
K	Supply and fixing water tap(chromium plated) including cost of materials and labour charges etc. Complete	8.00	Mtr			
L	Supplying and fixing 1000 Litre PVC water tank best quality (standard make) including tank connection with specials cost of materials and labour charges etc. complete	1000.00	Ltr			
M	Supply and fixing CPVC pipe 200 mm for hot water supply with all accessories Including cost conveyance of of all materials and labour charges etc. complete	5.00	Mtr			
N	Supply and fixing Wash tub for srub area includingb all cost conveyance of of all materials and labour charges etc. complete	1.00	Nos			