



Annual Repair and Maintenance (Civil & Electrical)of Hospital Building including Residential Buildings and Premises including external services under ESIS Hospital,Vashi,Navi Mumbai

NATIONAL PROJECTS CONSTRUCTION CORPORATION LTD.
(A GOVT OF INDIA ENTERPRISE)

PART-II

PRICE BID
FOR

Annual Repair and Maintenance (Civil & Electrical)of
Hospital Building including Residential Buildings and
Premises including external services under ESIS
Hospital,Vashi,Navi Mumbai

Issued by
Zonal Manager, NPCC Ltd., Western Zone,
Flat No.203,Bimbisar Nagar ,Mhada Colony, Goregaon (East),Mumbai

NATIONAL PROJECTS CONSTRUCTION CORPORATION LTD.

(A GOVT OF INDIA ENTERPRISE)

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BILL OF QUANTITIES(CIVIL & ELECTRICAL WORKS)

S.No.	Description	As per DSR 2012 rates			Amount	
A	Execution of items of civil work as per CPWD specifications as per rates of DSR 2012.				Rs.32,00,000.00	
	Quoted percentage above/below DSR 2012 rates					
	GROSS TOTAL (A)					
NON SCHEDULE ITEMS(CIVIL)						
S.No.	Desription of Item	Unit	Quantity	Rate	Rate in word	Amount
B	CIVIL ITEMS					
1	Cleaning of main line sewer choke-up by mechanical and manual means etc all complete for satisfactory functioning of sewer line	Job	800			
2	Cleaning of drainage line by Jet-Pumps complete	Job	30			
3	Providing and fixing 20mm brass ball-cock of appoxy coated aluminium road and H.D.ball of approved quality including screws,washers etc all complete	No	30			
4	Supply of PPC cement of approved quality at desired location	Bag	30			
5	Supply of FPS bricks of class designation 50 of approved quality at desired location	Nos	300			
6.1	Providing and fixing galvanised M.S.butt hinges of size 50 mm(overall width)to doors and windows	Nos	140			

6.2	As above of size 65 mm(overall width)	Nos	60			
7	Supply of approved quality of galvanised MS screws of required size	Packet	30			
8	Supply and transportation of approved quality river sand at desired location	Cumt	50			
9.1	Providing and laying G.I. pipes 15 mm dia -medium duty	Rmt	100			
9.2	Providing and laying of G.I. pipes 20 mm dia -medium duty	Rmt	75			
9.3	Providing and laying of G.I. pipes 25 mm dia -medium duty	Rmt	80			

10.1	Providing and laying of G.I.tee(equal) 25 mm dia -medium duty	Each	20			
10.2	Providing and laying of G.I.tee(equal) 20 mm dia -medium duty	Each	40			
10.3	Providing and laying of G.I.tee(equal) 15 mm dia -medium duty	Each	40			
11.1	Providing and fixing G.I. Union 15 mm nominal bore	Each	15			
11.2	Providing and fixing G.I. Union 20 mm nominal bore	Each	20			
11.3	Providing and fixing G.I. Union 25 mm nominal bore	Each	20			
12.1	Providing and laying Unplasticised P.V.C. connection pipe with brass union 30 cm long 15 mm bore	Each	30			
12.2	Providing and laying Unplasticised P.V.C. connection pipe with brass union 30 cm long 20mm bore	Each	30			
12.3	Providing and laying Unplasticised P.V.C. connection pipe with brass union 45 cm long 15 mm bore	Each	30			
13.1	P/F Shower rose C.P.brass for 15 to 20 mm inlet 100 mm dia	Each	20			

13.2	P/F Shower rose C.P.brass for 15 to 20 mm inlet 150 mm dia	Each	20			
14	P/F 100 mm S.C.I. trap with 100 mm inlet and 75 mm outlet	Each	30			
15.1	P/F S.W. gully trap P type 100x100 mm	Each	30			
15.2	P/F S.W. gully trap P type 150x100 mm	Each	10			
16	P/F Brass full way valve with C.I. wheel (screwed end) 25 mm dia	Each	10			
17	P/F Gunmetal non-return valve-horizontal (screwed end) 25 mm dia	Each	5			
18	P/F C.P. brass waste 32 mm	Each	30			
19	P/F Float glass sheet of nominal thickness 4 mm (weight not less than 10 Kg/Sqmt	Sqmt	120			
20	Supply and fixing of Hydraulic door closer bottle type M.S. body with necessary accessories and screws complete	Each	4			
21	Supply asnd fixing Anodised Aluminium hanging type door stopper complete	Each	12			
22	Supply and fixing Anodised Aluminium pull bolt lock (locking bolt) of size 85 mmx42 mm with screws bolts washer complete	Each	40			
23	Supply and laying Rectangular shape 600x 450 mm precast R.C.C. manhole cover with frame	Each	10			
24	Supply and laying Circular shape 450 mm dia precast R.C.C. manhole cover with frame -	Each	5			
25	Supply and fixing C.I. grating 150 mm dia, weighing not less than 440 gm	Each	20			
TOTAL AMOUNT(B)						

ELECTRICAL WORK

S.No.	Description	As per DSR 2012 rates			Amount	
C	Execution of items of Electrical work as per CPWD specifications as per rates of DSR 2012(Electrical).				Rs.7,20,000.00	
	Quoted percentage above/below DSR 2012 rates(Electrical)					
	GROSS TOTAL (C)					
NON SCHEDULE ITEMS(ELECTRICAL)						
	Electrical Item(Non-Schedule)					
S.No.	Desription of Item	Unit	Quantity	Rate	Rate in word	Amount
1	Providing and fixing flurocent tube rod of 11 W of approved quality	Each	40			
2	Providing and fixing Copper choke of flurocent light of 11 W of approved quality					
3	Supplying and drawing following sizes of FR PVC insulated					
	copper conductor, single core cable in the existing surface/					
	recessed steel/ PVC conduit as required.					
3.1	1 x 1.5 sq. mm	Metre	50			
3.2	2 x 1.5 sq. mm	Metre	30			
3.3	3 x 1.5 sq. mm	Metre	40			
3.4	4 x 1.5 sq. mm	Metre	20			

4	Rewiring for light point/ fan point/ exhaust fan point/ call bell point/any other type of point for existing fittings of building with 1.5 sq.mm FR PVC insulated copper conductor single core cable and 1.5 sq.mm. FR PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required	Point	50			
5	Supply and fixing 60 W bulbs of approved quality-SURYA/Philips/Bajaj	Each	100			
6	Supplying and fixing of following sizes of medium class PVC					
	conduit along with accessories in surface/recess including cutting					
	the wall and making good the same in case of recessed conduit					
	as required.					
6.1	20mm	Metre	60			

6.2	25mm	Metre	70			
6.3	32mm	Metre	40			
7	Supplying and fixing metal box of following sizes (nominal size)					
	on surface or in recess with suitable size of phenolic laminated					
	sheet cover in front including painting etc as required.					
7.1	75mmX75mmX60 mm deep	Each	30			
7.2	100mmX100mmX60 mm deep	Each	20			
8	Supplying and fixing following piano type switch/ socket on the					
	existing switch box/ cover including connections etc. as required.					

8.1	5/6 amps switch	Each	40			
8.2	2 way 5/6 amps switch	Each	35			
8.3	3 pin 5/6 amp socket outlet	Each	35			
8.4	Telephone socket outlet	Each	30			
8.5	TV antenna socket outlet	Each	25			
8.6	Bell push	Each	20			
9	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	60			
	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.					
10	Supplying and fixing brass batten/ angle holder including connection etc. as required	Each	90			
	Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts, complete as required.					
	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.					
11	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	Each	10			
12	Painting of ceiling fan in installed position with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade, including cleaning of surface with detergent etc as required	Each	12			

13	Rewinding,testing,commissioning and fixing in position 7.5HP motor for pump including all required accessories like bearing,changing copper coils,packing etc all complete	Job	4			
	GROSS TOTAL(D)					
E -Maintenance of work by supplying labour for Civil and Electrical Works						
S.No.	Desription of Item	Unit	Quantity	Rate	Rate in word	Amount
	CIVIL WORK					
13	Providing services of skilled workers such as mason,carpenter,plumber,painter,welder,etc for day to day maintenance of ESIS Hospital,Washi including residential quarters	one worker per month	108			
14	Providing services of unskilled workers such as Helper,Khalasi,etc for day to day maintenance of ESIS Hospital,Washi including residential quarters	one worker per month	36			
	ELECTRICAL WORK					
15	Providing services of skilled workers such as electrician,pump operators,etc for day to day maintenance of ESIS Hospital,Washi including residential quarters	one worker per month	60			
16	Providing services of unskilled workers such as Helper,Khalasi,etc for day to day maintenance of ESIS Hospital,Washi including residential quarters	one worker per month	72			
	GROSS TOTAL(E)					
	TOTAL(A+B+C+D+E)					

Amount in words-Rs.	
NPCC	Sign of Agency