



ARMY PUBLIC SCHOOL
NEAR FOL DEPOT, AJMER ROAD, JODHPUR

CORRIGENDUM

Tender for **Temporary Construction of One Headmistress Office and One Library for APSPW-02 Jodhpur** published on 18 Apr 2025 has been amended.. Vendors who participated in the pre bid meeting held on 25 Apr 2025 can download fresh scope of work, financial bid & relevant photos from this school website www.apsjodhpur.com. Technical Bid will be opened on 31 May 2025 (1115 hrs). For any query, contact 0291-2510559 or 9414005442.

Principal
Army Public School Jodhpur

S. Anand
अधीन / PRINCIPAL
आर्मी पब्लिक स्कूल
Army Public School
जोधपुर / Jodhpur

ARMY PUBLIC SCHOOL JODHPUR

CIRCULAR

AMENDMENTS IN TENDER DOCUMENT - TEMPORARY CONSTRUCTION OF ONE HEADMISTRESS OFFICE AND ONE LIBRARY FOR PRE PRIMARY WING NO 2, SHIKARGARH

1. Please refer open tender advertisements on **Temporary Construction of one Headmistress Office and one Library for Pre Primary Wing No 2, Shikargarh** published in Rajasthan Patrika (Jodhpur Edition) & Times of India (Jaipur Edition) on 18 Apr 2025 and uploaded on the school website.

2. The following amendments may please be carried out in Scope of Work & Financial Bid:-

S. No	Serial No of Scope of Work/Financial Bid/Para No of Tender Documents	For	Read	Remarks
(a)	Sanitary and Plumbing Work	Ser Nos 25 – 27 -	Ser Nos 26 - 51	Fresh Scope of Work, Financial bid are being uploaded in the school website.
(b)	Para – 10 (Receipt and Opening of Technical Bid)	09 May 2025	31 May 2025	Rescheduled due to change in scope of work

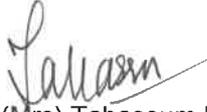
3. Rest no change.

4. You are requested to down load the fresh scope of work and financial bid from this school website and submit the same alongwith tender documents by due date.

5. For information and necessary action please.

Date : 23 May 2025

(Concerned Vendor)


(Dr (Mrs) Tabassum Khan
Principal / PRINCIPAL
आर्मी पब्लिक स्कूल
Army Public School
जोधपुर / Jodhpur

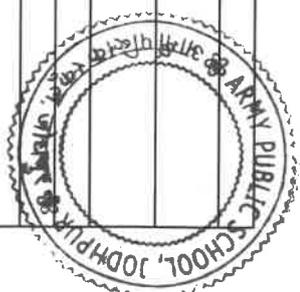
SECTION III
TEMP CONSTRUCTION OF HEADMISTRESS OFFICE AND ONE LIBRARY FOR APSPW-02

SL. NO.	ITEM DESCRIPTION	Units	QUANTITY	Conformance (to be filled by the contractor)
EARTH WORK				
1	Earth work in excavation by mechanical means (Hydraulic excavator) in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m in all kind of soil, complete all as specified and directed.	Cum	45.00	
2	Excavation in trenches n.exc 1.5 m wide & n.exc 1.5 m in depth for foundation etc or for shafts, wells, cesspits, manholes, pier holes, etc n.exc 10 Sqm on plan and n.exc 1.5 m in depth and getting out in any type of soil complete all as specified and as directed.	Cum	30.00	
PCC WORK				
3	M&L PCC 1:4:8 type D2 (40 mm graded aggregate) in foundation filling and mass concrete etc.all as specified and as directed.	Cum	16.98	
MASONRY WORK				
4	M&L coursed rubble masonry with hard stone in foundation and plinth with CM (1:6) complete	Cum	30.43	
5	M&L for brick work with common burnt clay brick of class designation 7.5 in super structure in CM (1:4) complete	Cum	8.49	
RCC WORK				
6	Use & waste of Form work to sides of concrete foundations, footings, bases of columns, raft and raft beams, sides of soffits (if any) of foundations and plinth beams and similar work etc; rough finish flat surfaces complete all as specified and as directed.	Sqm	35.00	
7	M&L for providing RCC M-25 (using 20mm graded stone aggregate) as in foundations, including raft footings, foundations beams, plinth beams, bases of columns etc: complete all as specified and as directed.	Cum	31.50	
8	M&L for MS Reinforcement 10mm dia and over TMT bars cut to length, bent to shape required and binding with MS wire not less than 0.9mm dia or securing with clips complete all as specified and as directed.	Kg	255.00	
9	M&L for MS Reinforcement 8 to 10mm dia TMT bars cut to length, bent to shape required and binding with MS wire not less than 0.9mm dia in stirrups complete all as specified and as directed.	Kg	250.00	
EARTH WORK				
10	Removing excavated soil n exc 50 m and depositing where directed at a level n exc 1.5 m above the starting point all as specified and directed.	Cum	12.43	
PLASTER WORK				
11	M&L for Moorum/red baji filling in floors or pavings, laid in layers n exc. 15 cm thick, spread, levelled and rammed including watering complete all as specified.	Cum	119.00	
12	M&L for 10 mm thick plastering on fair faces of brick masonry/block masonry wall surfaces in CM 1:4 finished fair and even all as specified and as directed.	Sqm	85.00	
13	M&L for plastering 15 mm thick on stone masonry/PCC block surfaces or surfaces other than fair face of brick-work or on one side of lathing in two layers, 1st layer of 10mm thick in 1:6. Second and final layers shall be 5 mm thick in CM 1:4 finished even and fair without using extra cement over stone & smooth wall surfaces all as specified and as directed.	Sqm	42.00	



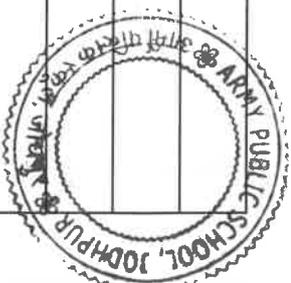
-14	M&L for 75mm thick PCC 1:4:8 type D-2, (40mm graded stone aggregate) as in sub floor, sub bases, floor and paving etc.; complete all as specified and directed.	Sqm	85.00	
FLOORING WORK				
15	M&L for vitrified coloured double charged tiles of approved shade and pattern, of size 600x600x 8 to 10 mm thick laid in floor, set and joint in neat cement slurry and pointed in coloured cement to match over and including 15mm thick screed bed or bedding layer in CM 1:6 complete all as specified and as directed.	Sqm	111.50	
16	All as per item No here-in-above 29.00 but as in skirting/dado 10mm thick screed bed or bedding layer in CM 1:4 complete all as specified and as directed.	Sqm	8.00	
17	M&L for 16-18mm thick granite (colour as approved) work (table rubbed and polished) in steps, shelves, jambs, pillars, window-cills, cooking platforms (vertical/ horizontal) and like in cement mortar (1:4) including pointing in white cement (1:2) using marble dust with admixture of pigment to match with shade of granite over and including 10mm thick screed bed or bedding layer in CM 1:4 complete all as specified and as directed.	Sqm	10.00	
18	M&L for 75 mm thick plain cement concrete (1:3:6) type C-1 using 20 mm graded stone aggregate as in plinth protection, surfaces finished even and fair without using extra cement including provision of construction joints, complete all as specified and directed.	Sqm	25.00	
19	M&L for non skid ceramic coloured tiles of approved shade and pattern, 7 to 8 mm thick , of size 400x400x7 to 8 mm thick laid in floor, set and joint in neat cement slurry and pointed in coloured cement to match over and including 15mm thick screed bed or bedding layer in CM 1:6 complete all as specified and as directed.	Sqm	30.00	
DOOR WINDOW WORK				
20	Providing and fixing of powder coated aluminium door, windows, ventilators and partitions with extruded built up standard tubular section/ appropriate Z section and other sections of approved make conforming to IS:733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junction. All complete as per specification and directed	Kg	231.00	
21	S&F 3mm thick Sheet glass,ordinary quality and glazing with oil putty in square n exc 0.5 sq. m in each pane all as specified and as directed.	Sqm	15.00	
22	S&F Stainless steel wire cloth, 0.36mm nominal dia of wire and average width of aperture 1.40mm and fixed with stainless steel wire staples complete all as specified & as directed.	Sqm	23.00	
23	S&F 150mm aluminium handles, cast type, anodised, complete all as specified and directed.	Each	18.00	
24	S&F of 100 mm size PVC/ Stainless Steel (as approved by Engineer incharge) butt hinges all as specified and directed.	Each	7.00	
PAINT WORK				
25	Material & Labour for applying Two or more coats of 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance,dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives @ 1.43 litre/ 10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/ 10 sqm over new surfaces, complete all as specified and directed.	Sqm	53.00	
SANITARY AND PLUMBING WORK				
26	M&L Supplying and laying of CPVC pipes of outer diameter 20 mm,SDR 11 & Plain CPVC SDR 11 fittings in trenches/walls complete all as specified.	RM	50.00	
27	M&L Supplying and laying of CPVC pipes of outer diameter 25 mm,SDR 11 & Plain CPVC SDR 11 fittings in trenches/walls complete all as specified.	RM	6.00	
28	S&F CPVC Brass Elbow 20 mm dia, complete all as specified and as directed.	Each	6.00	
29	S&F CPVC Brass Elbow 25 mm dia, complete all as specified and as directed.	Each	6.00	
30	S&F CPVC Brass Elbow (3/4 X 1/2) 20 mm dia, complete all as specified and as directed.	Each	6.00	





31	S&F CPVC Brass Tee 20 mm dia, complete all as specified and as directed.	Each	5.00	
32	S&F CPVC Female Brass Threaded Adaptor (FTA/ FBTA)20 mm dia, complete all as specified and as directed.	Each	4.00	
33	S&F CPVC Female Brass Threaded Adaptor (FTA/ FBTA)25 mm dia, complete all as specified and as directed.	Each	4.00	
34	S&F CPVC UNION 20 mm dia, complete all as specified and as directed.	Each	30.00	
35	S&F CPVC UNION 25 mm dia, complete all as specified and as directed.	Each	10.00	
36	S&F 110mm pvc, waste and vent pipes (SWR) in any length with or without ears, laid in trenches or in floor etc., complete all as specified and directed.	Rm	8.00	
37	S&F 110mm pvc soil, waste and vent pipes (SWR) in any length with or without ears, fixed to walls etc., complete all as specified and directed.	Rm	2.00	
38	S&F 75mm pvc soil, waste and vent pipes (SWR) in any length with or without ears, fixed to walls etc., complete all as specified and directed.	Rm	3.00	
39	S&F 110mm pvct 'P' or 'S' trap,, complete all as specified and directed.	Each	3.00	
40	S&F 110mm pvc pipe cows,, complete all as specified and directed.	Each	2.00	
41	M&L joints for 110mm pvc pipe and fittings or connections are filled/ sealed properly by epoxy sealant of ISI mark or M&L apply as per manufacturing instructions,, complete all as specified and directed.	Each	20.00	
42	M&L joints for 75mm pvc pipe and fittings or connections are filled/ sealed properly by epoxy sealant of ISI mark or M&L apply as per manufacturing instructions,, complete all as specified and directed.	Each	6.00	
43	S & F for Pipe Supporting Clamping - Single Pipe of dia 110 mm (4") down take pipe fixing done with Clamping System consists of Profile Bracket + Continuous Slotted C Channel + U Bolt Rubber Sleeve mounted System running vertically with wall distance 75 mm (3"): Pipe Support Clamping made of : 1. Profile Bracket having Wall Distance 75 mm (3") made of Low Carbon Hot Roll Gauge Corrected Oil Pickled and Drawn (HROP D) Steel (IS 1079); material size 32 mm x 3 mm with ribs and notch are Hot Dip Galvanized + Zn Al Flake coated having Salt Spray Test (Test method - ASTM B-117-2019) result 2000 hrs with SS304 Hex Flange Bolt with Serration 5/16 x 3/4 (A/F 13mm) as per DIN 6921 and SS304 Hex Flange Nut BSW 5/16 x 18 x 8 x 13 with Serration as per DIN 6923. 2. Continuous Slotted "C" Channel with ribs to be used of size 250 mm (10") made of Low Carbon Hot Roll Gauge Corrected Oil Pickled and Drawn (HROP D) Steel (IS 1079) are Hot Dip Galvanized + Zn Al Flake coated with material thickness of 3mm. 3. U bolt Rubber Sleeve mounted are made of low carbon mild steel with Rod diameter 7 mm approx.; Zn Al Flake coated with noise absorbing semi transparent ribbed silicon rubber sleeve; with Hex Flange Nut BSW 5/16 x 18 x 8 x 13 with Serration set as per DIN 6923 - Zn Al Flake coated. Hotdip Galvanizing: As per IS 2629 (1985) - 610 grams/m ² (> 85 microns). Material Grade : IS 1079 used as per MTC confirms to EN 10204 3.1. Material Qty. for one unit : 1. Profile Bracket Wall distance 75 mm (3") - 2 Nos. 2. Continuous Slotted C Channel of Size 250 mm (10") - 1 No.; 3. U Bolt Rubber sleeve mounted for 110 mm (4") Cl or PVC Pipe Dia. - 1 No.; and 4. Fixing Nail Zn coated of thickness 6.5 mm and length 63 mm (2 1/2") - 4 nos. Fixing Details: Pipe Support Clamping Unit to be fixed at every metre distance in the duct as specified in Chief Engineer Jodhpur Zone Technical Drawing (TD) of Factory Made Pipe Supporting System : CEJZ/TD/102. Make: Shaivi or equivalent as approved by GE.	Each	4.00	

59	S & F Socket outlet 2 in 1, 3 pin, 5 and 15 amp flush type complete all as specified and directed by Engr-in-Charge.	Each	3.00	
60	Supply and fixing LED lights fitting 1x 18W, 220V, AC decorative box type with driver, holder including LED tube light connecting up with three core flexible copper conductor cable of suitable size from ceiling rose complete.	Each	20.00	
61	M&L for Ceiling rose surface backelite ISI marked with 3 terminal including connecting and testing complete all as specified and directed by the Engr-in-Charge.	Each	20.00	
62	S&F in replacement of Distribution Board, double Door, made out of CRCA mild steel sheet surface with insulated material like polyester or with epoxy powder coating and IP 43 & IK 09 protection, SPN 8 way (Concealed flush to wall), 160 volts with bus bar rating 200 Amps, dust and vermin proof, suitable for incorporation of MCB's and isolators etc and making all necessary connections, duly flush of wall surface, complete all as specified and directed. Note : 1. Blank plates will be included on the quoted rates. 2. All wires to be properly connected with copper lugs. 3. MCB will be measured and paid separately.	Each	11.00	
63	S& MCB, B Curve type, 10 KA, 6 to 32 Amp, Single Pole with over load and short circuit protection, complete all as directed.	Each	3.00	
64	S&F MCB, B Curve type, 10 KA, 63Amp, SPN with over load and short circuit protection, complete all as directed.	Each	3.00	
65	Supply and fixing ceiling fans complete with blades, down rods, electronic regulator and accessories, 230 V, 1200 mm sweep. Min air delivery 210 CFM with service value 6.00 BEE. Five star rated with brushless direct current motor (BLDC)	Each	18.00	
66	M&L for Earthing complete with galvanized steel earth plate electrode 600x600x6mm thick buried directly in ground (earth pit not less than 2.25 mtr deep below normal ground level) with top edge of earth plate not less than 1.5 mtr below the normal ground level, earth plate surrounded by 15cm thick and packed with layers of charcoal dust and common salt, earth lead GI wire 4mm dia (8 SWG) connected to GI earth plate electrode by means of bolts, nuts, check nuts, washers of galvanized iron, thimbles and other end of earth wire connected to main switch board and protected by galvanized iron pipe medium grade 15mm bore and 20mm bore medium grade GI pipe with funnel and wire mesh for watering all as shown in electric plate No 5 connected to earth test point. 40mm thick pre cast RCC M-15 (Nominal mix) cover reinforced with XPM weight not less than 4 Kg/Sqm with suitable handle of 6mm dia MS bar and angle iron 40X40X3mm frame for cover, PCC chamber in cement concrete M-15 (Nominal mix) , excavation and earth work in any type of soil and connected all as specified and as directed by Engineer-in-charge.	Each Set	1.00	
67	Supply and fix Valves, Sluice, flanged of class 1.6 PN,50 mm (1")dia, complete all as specified and as directed. and fixtures complete.	Each	2.00	



FABRICATION WORK

68	M&L for roof truss (framed), trussed, purlins, rails and fastenings and heavy bracket framing (Beam, tee, angle, channel or flat section) including distance pieces, cleats etc. conforming fe 410- w(Gde-E-250) quality -a all as specified	Kg	2880.00	
69	S&F pre-painted galvalume aluminium zink coating GI based corrugated steel sheet 0.50mm thick of an colour having tensile strength of 550Mpa as in roof covering/cladding to ceiling with self tapping screws as specified	Sqm	115.00	
70	M&L for preparation of new steel surfaces of any description over 10 cm wide or girth, not otherwise describe and apply two coat of synthetic enamel paint over one coat of red oxide primer complete	Sqm	42.00	
71	S&F of puff pannel 80mm thick in wall with all C section, Lsection, screws etc complete in all respect	Sqm	267.00	
72	S&F of puff pannel 80mm thick in ceiling with all C section, Lsection, screws, clamp etc complete in all respect	Sqm	95.00	



Jalawa

Principal PRINCIPAL
 ARMY PUBLIC SCHOOL
 Army Public School
 जोधपुर / Jodhpur

To be filled by the Firm before Delivery

Name & address of the firm : _____

GST No (Compulsory) : _____

Name of the Firm's owner/Rep : _____

Signature of the firm's owner/rep with seal : _____

Telephone & Mobile No : _____

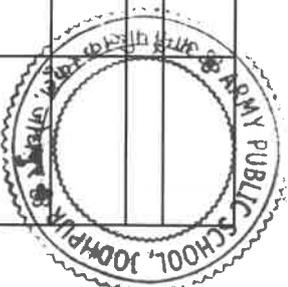
E-mail address of the Firm : _____

**SECTION IV
FINANCIAL BID**

TEMP CONSTRUCTION OF HEADMISTRESS OFFICE AND ONE LIBRARY FOR APSPPW-02

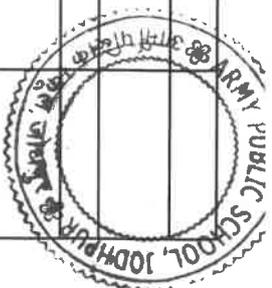


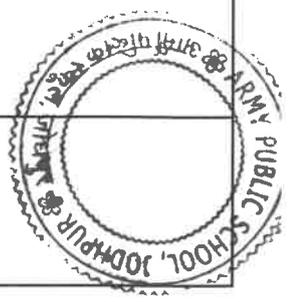
SL. NO.	ITEM DESCRIPTION	Units	QUANTITY	Rate Per Sqm / Cu / Kg / Pc	TOTAL AMOUNT
	EARTH WORK				
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m in all kind of soil, complete all as specified and directed.	Cum	45.00		
2	Excavation in trenches n.exc 1.5 m wide & n.exc 1.5 m in depth for foundation etc or for shafts, wells, cesspits, manholes, pier holes, etc n.exc 10 Sqm on plan and n.exc 1.5 m in depth and getting out in any type of soil complete all as specified and as directed.	Cum	30.00		
	PCC WORK				
3	M&L PCC 1:4:8 type D2 (40 mm graded aggregate) in foundation filling and mass concrete etc complete etc.all as specified and as directed.	Cum	16.98		
	MASONRY WORK				
4	M&L coursed rubble masonry with hard stone in foundation and plinth with CM (1:6) complete	Cum	30.43		
5	M&L for brick work with common burnt clay brick of class designation 7.5 in super structure in CM (1:4) complete	Cum	8.49		
	RCC WORK				
6	Use & waste of Form work to sides of concrete foundations, footings, bases of columns, raft and raft beams, sides of soffits (if any) of foundations and plinth beams and similar work etc; rough finish flat surfaces complete all as specified and as directed.	Sqm	35.00		
7	M&L for providing RCC M-25 (using 20mm graded stone aggregate) as in foundations, including raft footings, foundations beams, plinth beams, bases of columns etc; complete all as specified and as directed.	Cum	31.50		
8	M&L for MS Reinforcement 10mm dia and over TMT bars cut to length, bent to shape required and binding with MS wire not less than 0.9mm dia or securing with clips complete all as specified and as directed.	Kg	255.00		
9	M&L for MS Reinforcement 8 to 10mm dia TMT bars cut to length, bent to shape required and binding with MS wire not less than 0.9mm dia in stirrups complete all as specified and as directed.	Kg	250.00		
	EARTH WORK				
10	Removing excavated soil n exc 50 m and depositing where directed at a level n exc 1.5 m above the starting point all as specified and directed.	Cum	12.43		



11	M&L for Moorum/red bajri filling in floors or pavings, laid in layers n exc. 15 cm thick, spread, levelled and rammed including watering complete all as specified.	Cum	119.00		
PLASTER WORK					
12	M&L for 10 mm thick plastering on fair faces of brick masonry/block masonry wall surfaces in CM 1:4 finished fair and even all as specified and as directed.	Sqm	85.00		
13	M&L for plastering 15 mm thick on stone masonry/PCC block surfaces or surfaces other than fair face of brick-work or on one side of lathing in two layers, 1st layer of 10mm thick in 1:6. Second and final layers shall be 5 mm thick in CM 1:4 finished even and fair without using extra cement over stone & smooth wall surfaces all as specified and as directed.	Sqm	42.00		
14	M&L for 75mm thick PCC 1:4:8 type D-2, (40mm graded stone aggregate) as in sub floor, sub bases, floor and paving etc., complete all as specified and directed.	Sqm	85.00		
FLOORING WORK					
15	M&L for vitrified coloured double charged tiles of approved shade and pattern, of size 600x600x 8 to 10 mm thick laid in floor, set and joint in neat cement slurry and pointed in coloured cement to match over and including 15mm thick screed bed or bedding layer in CM 1:6 complete all as specified and as directed.	Sqm	111.50		
16	All as per item No here-in-above 29.00 but as in skirting/dado 10mm thick screed bed or bedding layer in CM 1:4 complete all as specified and as directed.	Sqm	8.00		
17	M&L for 16-18mm thick granite (colour as approved) work (table rubbed and polished) in steps, shelves, jambs, pillars, window-cills, cooking platforms (vertical/ horizontal) and like in cement mortar (1:4) including pointing in white cement (1:2) using marble dust with admixture of pigment to match with shade of granite over and including 10mm thick screed bed or bedding layer in CM 1:4 complete all as specified and as directed.	Sqm	10.00		
18	M&L for 75 mm thick plain cement concrete (1:3:6) type C-1 using 20 mm graded stone aggregate as in plinth protection, surfaces finished even and fair without using extra cement including provision of construction joints, complete all as specified and directed.	Sqm	25.00		
19	M&L for non skid ceramic coloured tiles of approved shade and pattern, 7 to 8 mm thick , of size 400x400x7 to 8 mm thick laid in floor, set and joint in neat cement slurry and pointed in coloured cement to match over and including 15mm thick screed bed or bedding layer in CM 1:6 complete all as specified and as directed.	Sqm	30.00		
DOOR WINDOW WORK					
20	Providing and fixing of powder coated aluminium door, windows, ventilators and partitions with extruded built up standard tubular section/ appropriate Z section and other sections of approved make conforming to IS:733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junction. All complete as per specification and directed	Kg	231.00		
21	S&F 3mm thick Sheet glass, ordinary quality and glazing with oil putty in square n exc 0.5 sq. m in each pane all as specified and as directed.	Sqm	15.00		
22	S&F Stainless steel wire cloth, 0.36mm nominal dia of wire and average width of aperture 1.40mm and fixed with stainless steel wire staples complete all as specified & as directed.	Sqm	23.00		

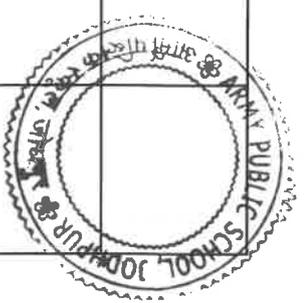
23	S&F 150mm aluminium handles, cast type, anodised, complete all as specified and directed.	Each	18.00		
24	S&F of 100 mm size PVC/ Stainless Steel (as approved by Engineer incharge) butt hinges all as specified and directed.	Each	7.00		
PAINT WORK					
25	Material & Labour for applying Two or more coats of 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives @ 1.43 litre/ 10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/ 10 sqm over new surfaces, complete all as specified and directed.	Sqm	53.00		
SANITARY AND PLUMBING WORK					
26	M&L Supplying and laying of CPVC pipes of outer diameter 20 mm, SDR 11 & Plain CPVC SDR 11 fittings in trenches/walls complete all as specified.	RM	50.00		
27	M&L Supplying and laying of CPVC pipes of outer diameter 25 mm, SDR 11 & Plain CPVC SDR 11 fittings in trenches/walls complete all as specified.	RM	6.00		
28	S&F CPVC Brass Elbow 20 mm dia, complete all as specified and as directed.	Each	6.00		
29	S&F CPVC Brass Elbow 25 mm dia, complete all as specified and as directed.	Each	6.00		
30	S&F CPVC Brass Elbow (3/4 X 1/2) 20 mm dia, complete all as specified and as directed.	Each	6.00		
31	S&F CPVC Brass Tee 20 mm dia, complete all as specified and as directed.	Each	5.00		
32	S&F CPVC Female Brass Threaded Adaptor (FTA/ FBTA)20 mm dia, complete all as specified and as directed.	Each	4.00		
33	S&F CPVC Female Brass Threaded Adaptor (FTA/ FBTA)25 mm dia, complete all as specified and as directed.	Each	4.00		
34	S&F CPVC UNION 20 mm dia, complete all as specified and as directed.	Each	30.00		
35	S&F CPVC UNION 25 mm dia, complete all as specified and as directed.	Each	10.00		
36	S&F 110mm pvc, waste and vent pipes (SWR) in any length with or without ears, laid in trenches or in floor etc., complete all as specified and directed.	Rm	8.00		
37	S&F 110mm pvc soil, waste and vent pipes (SWR) in any length with or without ears, fixed to walls etc., complete all as specified and directed.	Rm	2.00		
38	S&F 75mm pvc soil, waste and vent pipes (SWR) in any length with or without ears, fixed to walls etc., complete all as specified and directed.	Rm	3.00		
39	S&F 110mm pvct 'P' or 'S' trap,, complete all as specified and directed.	Each	3.00		
40	S&F 110mm pvc pipe cowl,, complete all as specified and directed.	Each	2.00		
41	M&L joints for 110mm pvc pipe and fittings or connections are filled/ sealed properly by epoxy sealant of ISI mark or M-Seal apply as per manufacturing instructions,, complete all as specified and directed.	Each	20.00		
42	M&L joints for 75mm pvc pipe and fittings or connections are filled/ sealed properly by epoxy sealant of ISI mark or M-Seal apply as per manufacturing instructions,, complete all as specified and directed.	Each	6.00		



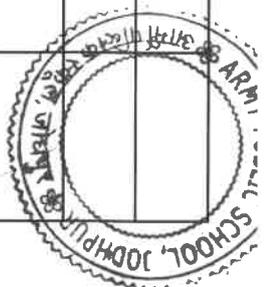


43	<p>S & F for Pipe Supporting Clamping - Single Pipe of dia 110 mm (4") down take pipe fixing done with Clamping System consists of Profile Bracket + Continuous Slotted C Channel + U Bolt Rubber Sleeve mounted System running vertically with wall distance 75 mm (3"):</p> <p>Pipe Support Clamping made of :</p> <ol style="list-style-type: none"> 1. Profile Bracket having Wall Distance 75 mm (3") made of Low Carbon Hot Roll Gauge Corrected Oil Pickled and Drawn (HROP D) Steel (IS 1079); material size 32 mm x 3 mm with ribs and notch are Hot Dip Galvanized + Zn Al Flake coated having Salt Spray Test (Test method - ASTM B-117-2019) result 2000 hrs with SS304 Hex Flange Bolt with Serration 5/16 x 3/4 (A/F 13mm) as per DIN 6921 and SS304 Hex Flange Nut BSW 5/16 x 18 x 8 x 13 with Serration as per DIN 6923. 2. Continuous Slotted "C" Channel with ribs to be used of size 250 mm (10") made of Low Carbon Hot Roll Gauge Corrected Oil Pickled and Drawn (HROP D) Steel (IS 1079) are Hot Dip Galvanized + Zn Al Flake coated with material thickness of 3mm. 3. U bolt Rubber Sleeve mounted are made of low carbon mild steel with Rod diameter 7 mm approx.; Zn Al Flake coated with noise absorbing semi transparent ribbed silicon rubber sleeve; with Hex Flange Nut BSW 5/16 x 18 x 8 x 13 with Serration set as per DIN 6923 - Zn Al Flake coated. Hotdip Galvanizing: As per IS 2629 (1985) - 610 grams/m² (> 85 microns). <p>Material Grade : IS 1079 used as per MTC confirms to EN 10204 3.1.</p> <p>Material Qty. for one unit : 1. Profile Bracket Wall distance 75 mm (3") - 2 Nos. 2. Continuous Slotted C Channel of Size 250 mm (10") - 1 No.; 3. U Bolt Rubber sleeve mounted for 110 mm (4") CI or PVC Pipe Dia. - 1 No.; and 4. Fixing Nail Zn coated of thickness 6.5 mm and length 63 mm (2 1/2") - 4 nos.</p> <p>Fixing Details: Pipe Support Clamping Unit to be fixed at every metre distance in the duct as specified in Chief Engineer Jodhpur Zone Technical Drawing (TD) of Factory Made Pipe Supporting System : CEJZ/TD/102.</p> <p>Make: Shaivi or equivalent as approved by GE.</p>	Each	4.00		
44	<p>M&L vitreous china wash down water closet pan (pedestal pattern), white including white plastic seat cover with mild steel CP hinging device, suitable brass CP wash jet with 1.00 to 1.50m long tube (Make of Jet 'Praayag' Cat Part No 5211 or Equivalent) incl making connection to inlet flush pipe, & to 'P' or 'S' drain trap, incl supply of long special 'P' or 'S' trap fixed in repair complete and making good the disturbed portion etc., complete all as specified and directed.</p>	Each	1.00		
45	<p>S&F PVC 10 ltr. Cap. valveless syphonic action type, flushing cistern, low level, white/ coloured with inlet, ball valve, float and handle including brackets and connection to pipe etc. all as specified.</p>	Each	1.00		
46	<p>S&F vitreous china oval type under counter wash basin, white/ coloured, including PTMT waste fittings, 32mm bore size, waste pipe pvc 32mm bore and angle iron brackets of required size and length etc. and making good disturbed surfaces to match with the existing, complete all as specified and directed.</p>	Each	1.00		

47	S&F 5000 ltr capacity rotational moulded polyethylene water storage tanks (cylindrical vertical with closed top) hoisted and fixed in position including 25mm bore ball valves high pressure of PTMT with epoxy coated aluminium rod & high density plastic ball screwed for iron pipe all as specified in SSR Part-I, complete all as specified and directed.	Each	1.00		
48	S&F in repair 15mm bore chromium plated bib taps, fancy type cast copper alloy with crutch or butterfly handle, screwed down, screwed for iron pipe or for brass ferrule, complete all as specified and directed.	Each	1.00		
49	S&F for pillar tap, brass, 15mm dia. with capston heads, chromium plated, fancy type screwed down, high pressure, with or without lettered hot or cold, with long shank, screwed shanks and fly nuts, screwed for iron pipes or for wash hand basin, complete all as specified and as directed.	Each	1.00		
50	S&F 15mm bore stop valve/ angle stop cock chromium plated, fancy type cast copper alloy, screwed down, high pressure, screwed both ends for iron pipe with long shank and cup, complete all as specified and directed.	Each	3.00		
51	S&F CP greating doom 100mm dia, complete all as specified and directed.	Each	3.00		
ELECTRICAL WORK					
52	M&L point wiring using approved colour coding (Red , Black and Green for single phase circuits) as per IS code -694 with valid CML No., with multi stranded copper conductor 1.5 sq mm nominal cross-sectional area, single core, PVC insulated and sheathed FRLS cable 1100 Volts grade, ISI marked, drawn through in and including heavy duty PVC conduit of dia not less than 20mm and conduit accessories ISI marked with valid CML No. (IS 9537 -1983 for surface mounted / concealed in wall ISI marked with pressed flush metal boxes covered with inner plates & outer plates etc, with cover plate(SI Marked) cover for fixing of switches, sockets and fan regulators etc, including PVC insulated & sheathed multistranded copper conductor 1.5 sq mm nominal cross sectional area single core FRLS cable as earth continuity conductor to common earth and connecting to earth dolly for One light/fan/bell point controlled by one, one way switch, complete all as specified and directed.	Per Point	75.00		
53	All as per serial item No. 28.00 here-in-above but for One 3 pin socket outlet 5 Amps on independent board	Per Point	4.00		
54	All as per serial item No.28.00 here-in-above but for One 3 pin socket outlet 5 Amps on same board	Per Point	4.00		
55	All as per serial item No.28.00 here-in-above but for one 3 pin socket outlet 15 Amps independent with cable of size 4.0 Sqmm for point wiring and 4.0 sqmm in continuous earth wire complete all as specified and directed by Engr-in-Charge.	Per Point	14.00		
56	S & F Switch piano, flush type single pole, one way 5 Amp 240 Volts complete all as specified and directed by Engr-in-Charge.	Each	90.00		
57	S & F Switch piano, flush type single pole, one way 15 Amp 240 Volts complete all as specified and directed by Engr-in-Charge. complete all as specified and directed by Engr-in-Charge.	Each	14.00		



58	S & F Socket outlet 3 pin, 5A, flush type complete all as specified and directed by Engr-in-Charge.	Each	3.00		
59	S & F Socket outlet 2 in 1, 3 pin, 5 and 15 amp flush type complete all as specified and directed by Engr-in-Charge.	Each	3.00		
60	Supply and fixing LED lights fitting 1x 18W, 220V, AC decorative box type with driver, holder including LED tube light connecting up with three core flexible copper conductor cable of suitable size from ceiling rose complete.	Each	20.00		
61	M&L for Ceiling rose surface backelite ISI marked with 3 terminal including connecting and testing complete all as specified and directed by the Engr-in-Charge.	Each	20.00		
62	S&F in replacement of Distribution Board, double Door, made out of CRCA mild steel sheet surface with insulated material like polyester or with epoxy powder coating and IP 43 & IK 09 protection, SPN 8 way (Concealed flush to wall), 160 volts with bus bar rating 200 Amps, dust and vermin proof, suitable for incorporation of MCB's and isolators etc and making all necessary connections, duly flush of wall surface, complete all as specified and directed. Note : 1. Blank plates will be included on the quoted rates. 2. All wires to be properly connected with copper lugs. 3. MCB will be measured and paid separately.	Each	11.00		
63	S& MCB, B Curve type, 10 kA, 6 to 32 Amp, Single Pole with over load and short circuit protection, complete all as directed.	Each	3.00		
64	S&F MCB, B Curve type, 10 kA, 63Amp, SPN with over load and short circuit protection, complete all as directed.	Each	3.00		
65	Supply and fixing ceiling fans complete with blades, down rods, electronic regulator and accessories, 230 V, 1200 mm sweep. Min air delivery 210 CFM with service value 6.00 BEE. Five star rated with brushless direct current motor (BLDC)	Each	18.00		
66	M&L for Earthing complete with galvanized steel earth plate electrode 600x600x6mm thick buried directly in ground (earth pit not less than 2.25 mtr deep below normal ground level) with top edge of earth plate not less than 1.5 mtr below the normal ground level, earth plate surrounded by 15cm thick and packed with layers of charcoal dust and common salt, earth lead GI wire 4mm dia (8 SWG) connected to GI earth plate electrode by means of bolts, nuts, check nuts, washers of galvanized iron, thimbles and other end of earth wire connected to main switch board and protected by galvanized iron pipe medium grade 15mm bore and 20mm bore medium grade GI pipe with funnel and wire mesh for watering all as shown in electric plate No 5 connected to earth test point. 40mm thick pre cast RCC M-15 (Nominal mix) cover reinforced with XPM weight not less than 4 Kg/Sqm with suitable handle of 6mm dia MS bar and angle iron 40X40X3mm frame for cover, PCC chamber in cement concrete M-15 (Nominal mix) , excavation and earth work in any type of soil and connected all as specified and as directed by Engineer-in-charge.	Each Set	1.00		
67	Supply and fix Valves, Sluice, flanged of class 1.6 PN,50 mm (1")dia, complete all as specified and as directed. and fixtures complete.	Each	2.00		



FABRICATION WORK

68	M&L for roof truss (framed), trussed, purlins, rails and fastenings and heavy bracket framing (Beam, tee, angle, channel or flat section) including distance pieces, cleats etc. conforming fe 410-w(Gde-E-250) quality -a all as specified	Kg	2880.00		
69	S&F pre-painted galvalume aluminium zink coating GI based corrugated steel sheet 0.50mm thick of an colour having tensile strength of 550Mpa as in roof covering/cladding to ceiling with self tapping screws as specified	Sqm	115.00		
70	M&L for preparation of new steel surfaces of any description over 10 cm wide or girth, not otherwise describe and apply two coat of synthetic enamel paint over one coat of red oxide primer complete	Sqm	42.00		
71	S&F of puff pannel 80mm thick in wall with all C section, Lsection, screws etc complete in all respect	Sqm	267.00		
72	S&F of puff pannel 80mm thick in ceiling with all C section, Lsection, screws, clamp etc complete in all respect	Sqm	95.00		
	Amount				
	Add: GST (@18%of amount)				
	Total Amount				




 Principal

APS Jodhpur
 PRINCIPAL
 Army Public School,
 Jodhpur

To be filled by the Firm before Delivery

Name & address of the firm : _____

GST No. (Compulsory) : _____

Name of the Firm's owner/Rep : _____

Signature of the firm's owner/rep with seal : _____

Telephone & Mobile No : _____

E-mail address of the Firm : _____