

ગુજરાત માધ્યમિક અને ઉચ્ચતર માધ્યમિક શિક્ષણ બોર્ડ, ગાંધીનગર

ટેન્ડર નં: ૫૪-/૨૦૨૦

ગુજરાત માધ્યમિક અને ઉચ્ચતર માધ્યમિક શિક્ષણ બોર્ડ, ગાંધીનગર ખાતેની કચેરીમાં વાર્ષિક બિલ્ડીંગ રિપેરીંગ અને મેન્ટેનન્સ (સિવિલ વર્ક તથા ઈલેક્ટ્રીક)ની કામગીરી કરવા માટેના ભાવો મંગાવવામાં આવે છે.

અંદાજીત રકમ : ૩,૦૦,૦૦૦/

ટેન્ડર ફી : રૂ. ૧૫૦૦/-

૧	ટેન્ડર બોર્ડની વેબસાઇટ www.gseb.org ઉપરથી ઓનલાઇન ડાઉનલોડ કરવાની તારીખ / સમય	તા. 23-11-2020 થી તા. 14-12-2020 સમય 16 : 00 કલાક સુધી
૨	ફીઝીકલ ભાવપત્રક રજુ કરવાની છેલ્લી તારીખ / સમય	તા. 15-12-2020 સમય 16 : 00 કલાક
૩	ભાવપત્રક ખોલવાની તારીખ / સમય	તા. 16-12-2020 સમય 12 : 00 કલાક

ગુજરાત માધ્યમિક અને ઉચ્ચતર માધ્યમિક શિક્ષણ બોર્ડ, ગાંધીનગર

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ખાતેની કચેરીમાં વાર્ષિક બિલ્ડીંગ રિપેરીંગ અને મેન્ટેનન્સ (સિવિલ
વર્ક તથા ઈલેક્ટ્રીક)ની કામગીરી કરવા માટે નું ટેન્ડર

શરતો

1. એજન્સીએ ક્વર ઉપર" વાર્ષિક બિલ્ડીંગ રિપેરીંગ અને મેન્ટેનન્સ (સિવિલ વર્ક તથા ઈલેક્ટ્રીક વર્ક)ની કામગીરી કરવા માટે નું ટેન્ડર " પ્રતિશ્રી, સચિવશ્રી, ગુજરાત માધ્યમિક અને ઉચ્ચતર માધ્યમિક શિક્ષણ બોર્ડ, સેક્ટર-૧૦ બી, સચિવાલય પાસે, ગાંધીનગર એમ લખી રૂબરૂ/RPADથી મોડામાં મોડા તા. 14-12-2020 ના રોજ 16 : 00 કલાક સુધીમાં બોર્ડની કચેરીની સ્ટોર શાખામાં સુપરત કરવાનું રહેશે.
2. ટેન્ડરમાં ટેકનીકલ બીડની સાથે ટેન્ડર ફી રૂ.૧૫૦૦/- (અંકે રૂપિયા પંદર સો પુરા/-) નો સચિવશ્રી, ગુજરાત માધ્યમિક અને ઉચ્ચતર માધ્યમિક શિક્ષણ બોર્ડ, ગાંધીનગરના નામજોગ ડિમાન્ડ ડ્રાફ્ટ અસલમાં સામેલ કરવાનો રહેશે.ટેન્ડર ફી સિવાયનું ટેન્ડર માન્ય રાખવામાં આવશે નહીં.
3. નિયત કરેલ સમયમર્યાદામાં મળેલભાવપત્રકો તા.16-12-2020 ને 12 : 00 કલાકે હાજર રહેલ એજન્સીઓ અગર તેમના અધિકૃત પ્રતિનિધિઓની હાજરીમાં ખોલવામાં આવશે. રસ ધરાવતી એજન્સીઓ અગર તેમના અધિકૃત પ્રતિનિધિ તે સમયે હાજર રહી શકશે. જો કોઇપણ એજન્સી અગર તેમના અધિકૃત પ્રતિનિધિ હાજર રહેશે નહીં તો બોર્ડના અધિકૃત અધિકારીશ્રી તે અંગે રોજકામમાં યોગ્ય નોંધ લઇ તેમના ભાવપત્રકો ખોલશે અને ભાવોની નોંધ લેશે જે એજન્સીને બંધનકર્તા રહેશે. આ બાબતે પાછળથી રજૂઆતો ધ્યાને લેવામાં આવશે નહીં.
4. એજન્સી પોતાનું ભાવપત્રક બોર્ડની વેબસાઇટ www.gseb.org ઉપરથી ડાઉન લોડ કરીને પ્રિન્ટ મેળવી તેમાં જ ભાવ દર્શાવવાના રહેશે.ભાવપત્રક ભરતાં પહેલાં ભાવપત્રકની શરતો અને બોલીઓ વાંચી લેવાની રહેશે તથાભાવપત્રકના દરેક પાના ઉપર બીડરના સહી-સિક્કા કરવાના રહેશે.
5. બોર્ડની વેબસાઇટ www.gseb.org ઉપરથી ડાઉનલોડ કરેલ ભાવપત્રકમાં ભાવો તમામ પ્રકારના વેરા, ટ્રાન્સપોર્ટ ચાર્જ લેબર કે અન્ય કોઇપણ ખર્ચ સહિત બોર્ડની ગાંધીનગર ખાતેની કચેરીએ રૂબરૂ પહોંચાડવા તથા આઇટમ જે તે સ્થળે લગાવી આપવાની મજુરી સહિતના ભાવ ભરવાના રહેશે અને દર્શાવેલ ભાવ ઉપરાંત બોર્ડ અલગથી વધારાનો કોઇ ચાર્જ ચુકવશે નહિ, અને GST અલગથી આપવામાં આવશે.
6. એજન્સીએ આ ભાવપત્રક ભરતાં પહેલાં બોર્ડની સ્ટોર શાખા / કંટ્રોલર ઓફ એકાઉન્ટ એન્ડ સ્ટોર પાસેથી કામગીરીની તમામ વિગતો મેળવી તથા જે સ્થળ ઉપર કામગીરી કરવાની છે તે કામગીરીની ચકાસણી કરીને ભાવ ભરવાના રહેશે. ભાવપત્રક ખોલ્યા બાદ કામગીરી બાબતે કોઇ પણ ફરીયાદ ધ્યાને લેવામાં આવશે નહીં.

7. જે એજન્સી ના ભાવ મંજૂર થશે તેઈજારદારશ્રી એ સિક્યુરિટી ડિપોઝિટ પેટે રૂપિયા ૨૫૦૦૦ (પચ્ચીસ હજાર) ભરવાના રહેશે.તેમજ ૩૦૦ રૂપિયા ના સ્ટેમ પેપર પર કરારખત કરવાનો રહેશે.
8. બોર્ડ દ્વારા કામગીરી માટે વર્ક ઓર્ડર આપવામાં આવશે, કામગીરી પૂર્ણ થયે કામગીરી માપ પ્રમાણે ચુકવણુ કરવામાં આવશે.
9. એજન્સીએ તમામ આઇટમ ડાગુણવત્તાવાળી વાપરવાની રહેશે તથા ભાવપત્રકમાં તે પ્રમાણેનો ભાવ ભરવાનો રહેશે.
10. કોઇપણ ભાવપત્રક સંપૂર્ણ કે અંશતઃ સ્વિકારવું કે એક થી વધુ ભાવપત્રક ના ભાવો માન્ય રાખવાનો તેમજ તમામ અથવા કોઇપણ એજન્સી દ્વારા ભરેલ ભાવપત્રકો કોઇપણ કારણો આપ્યા સિવાય રદ કરવાનો બોર્ડના સચિવશ્રીને અબાધિત હક્ક રહેશે. આમાં સૌથી ઓછા ભાવનું ભાવપત્રક સ્વિકારવું કે નહીં તેનો પણ સમાવેશ થાય છે.
11. બોર્ડ દ્વારા આપવામાં આવેલ ઓર્ડર મુજબ કામગીરી કરવાની રહેશે. કામગીરી પૂર્ણ થયેથી કામગીરી સંતોષકારક કર્યા અંગે નું પ્રમાણપત્ર બીલ સાથે રજુ કર્યેથી ચુકવણું કરવામાં આવશે.
12. જેમનું ભાવપત્રક મંજૂર કરવામાં આવશે તેમને બોર્ડની કચેરીના વર્ક ઓર્ડરમાં દર્શાવેલ કામગીરી સમય મર્યાદામાં પૂરીકરવાની રહેશે. કામગીરી સંતોષકારક નહીં જણાય તો બીલની ચુકવણી કરવામાં આવશે નહિ. આ બાબતે બોર્ડની કોઇ જવાબદારી રહેશે નહિ.
13. મુદત બહાર આવેલ, અધૂરી વિગત/ડોક્યુમેન્ટ,છેકછાક / ઓવર રાઇટીંગ વાળા તેમજ શરતી ભાવપત્રક આપોઆપ રદ કરવા પાત્ર રહેશે.
14. ભાવપત્રકમાં ખોટી અને ગેરમાર્ગે દોરતી માહિતી આપ્યાનું જણાશે તો ભાવપત્રક રદ કરવામાં આવશે.
15. આ કામગીરીમાં ભુલ કે વિલંબ અંગેની સઘળી જવાબદારી જે તે એજન્સીની રહેશે અને કામગીરીના અનુસંધાનમાં કોઇપણ શરતચૂક અથવા જવાબદારી પુરી ન કરવાના પરિણામે બોર્ડને થયેલ નુકશાન, અવ્યવસ્થા અંગે સંપૂર્ણ જવાબદારી ઓર્ડર મેળવનાર એજન્સીની રહેશે.
16. ભાવપત્રક ખોલ્યા બાદ કોઇ એજન્સી તેમના ભાવો પાછા ખેંચી શકશે નહીં.
17. ભાવ પ્રતિ આઇટમ નો ભરવાનો રહેશે.
18. ભાવપત્રક માં આઇટમ વાર SOR ના ભાવ દર્શાવેલ છે તેની સામે ઈજારદારશ્રી એ પોતાના ભાવ ભરવાના રહેશે. જે આઇટમ ના ભાવ SOR માં નથી તે કોલમ માં ભાવ દર્શાવેલ નથી પરંતુ ઈજારદારશ્રી એ પોતાના ભાવ ભરવા ના રહેશે,
19. એજન્સી દ્વારા આ સાથે સામેલ આઇટમમાં દરેકના કામગીરીના અનુભવ પ્રમાણે ભાવ ભરી શકશે અથવા પોતે એક જ આઇટમ સપ્લાય / કામગીરી કરવા માગતા હોય તો તે પ્રમાણે ભાવપત્રક ભરી શકશે.

20. ઇજારદારશ્રી એ બિલ્ડીંગ રીપેરીંગ જેવા કે સિવિલ વર્ક / ઇલેક્ટ્રિક ની કામગીરી નો 2 વર્ષનો અનુભવ હોવો જરૂરી છે.
21. ટેન્ડર ની તમામ શરતો નું પાલન કરતા ઇજારદારશ્રી નું ભાવપત્રક ખોલવામાં આવશે.
22. ઇજારદારશ્રી જે આઈટમ માં L 1 હશે તે ઇજારદારશ્રી સાથે કરારખત કરી કામગીરી સોંપવામાં આવશે.
23. ઠેકેદારને ચૂકવાતી રકમમાં નિયમોનુસાર ટી.ડી.એસ કપાત કરવામાં આવશે.
24. કોઈપણ વિવાદ અંગે ન્યાય ક્ષેત્રે ગાંધીનગર રહેશે.

સ્થળ : ગાંધીનગર

તારીખ : / / 2020

સચિવ
ગુજરાત માધ્યમિક અને
ઉચ્ચત્તર માધ્યમિક શિક્ષણ બોર્ડ,
ગાંધીનગર

GUJARAT SECONDARY AND HIGHER SECONDARY EDUCATION BOARD

SECTOR 10/B, GANDHINAGAR

E-Tender Notice No : 54 -2020

Tender For GSHSEB Building repairs & maintenance work

ANNEXURE - A

DETAILS OF TENDERER / BIDDER

1	Name of the Bidder	
2	Address of Registered Office	
3	Address of Working Place of the Office	
4	Type of Firm (Ownership, Partnership, Pvt., & Ltd. Co.,)	
5	Name, Address and Telephone No. of Board of Directors of the Company / Pvt., Ltd., and Ltd., Co.,/ Partnership / Ownership.	
	Phone No. with STD Code of Office and Residence	
	Office / Regd. Office Address	
	Residence Address	
	Mobile No.	
	E-mail Address and or Website Address	

6	Details of Tender Fee / Bid Processing Fees & EMD	
Tender Fees		
	(A) Amount in Rs.	
	(B) Demand Draft No. and Date	
	(C) Name of Bank and Branch	
7	Whether the bidder has been Black Listed by any Govt., or Semi Govt., organization or any Educational Organization? (Yes or No)	
8	Permanent Account No.(Income Tax) (Enclose certified PAN Card)	
9	GST Registration No.	

Note: For above details, attach separate sheet if required.

Seal and Signature

Authorized Person

Place :

Date :

**Gujarat Secondary and Higher Secondary Education Board,
Gandhinagar**

Tender No-54/ 2020 ,
Annual building maintenance And Repairing

ANNEXURE – B

On Rs.=300/ Stamp Paper

DECLARATION

I _____do here by declare that our firm is not debarred or disqualified or Black list by any Government of any state, Board or Such Organization. GS & HSEB is entitled to forfeit our security deposit in case of any such information coming to the notice of the GS & HSEB.

I Further undertake that if above declaration in proved to be wrong / incorrect or misleadingour tender / contract will stand cancelled / terminated.

Seal and Signature

Authorized Person

Place :

Date :

**Gujarat Secondary and Higher Secondary Education Board,
Gandhinagar**

Tender No : 54-2020
Annual Building Repairs & Maintenance Works in GSEB building Campus

**PARTICULARS OF TURNOVER
ANNEXURE – C**

Name of the Bidder :

Particulars of Turnover in the following Year as per audited accounts:

Financial Year	Total Turnover (in Rs.)
2018 – 2019	
2019 – 2020	

It is certified that above details .

Signature Of Chartered Account

With Stamp

Seal and Signature of

Authorized Person

Place :

Date :

Gujarat Secondary and Higher Secondary Education Board,

Gandhinagar

Tender No : 54 – 2020

Annual Building Repairs & Maintenance Works in GSEB building Campus.

Price Bid

Sr No	Item No.	Description	Unit	Rate	Agency Rate
1	1	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	67.29	
2	2	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	146.61	
3	3	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating Nos disposed layer by ramming and watering.	cu.m	79.00	
4	4	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	cu.m	397.71	
5	5	Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc. complete.	cu.m	464.94	
6	6	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	153.00	
7	7	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	135.00	
8	8	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	286.00	

9	9	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (D) Soft rock not requiring Blasting	cu.m	299.00	
10	10	Disposing off the excavated stuff of above items for lead of (E) 400 to 500 m	cu.m	94.00	
11	11	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork.	cu.m	3152.58	
12	12	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	kg	44.39	
13	13	Providing throating or plaster drip and moulding to R.C.C. Chhajja.	Rmt	25.00	
14	14	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	5566.88	
15	15	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(A) BEAMS.	cu.m	7350.64	
16	16	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	8616.96	
17	17	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	7704.4	
18	18	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS.	cu.m	6635.2	

19	19	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	7479.12	
20	20	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	8774.48	
21	21	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	7861.92	
22	22	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(C) Fly Ash Bricks	cu.m	2873.97	
23	23	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand) in foundation and plinth (B) Conventional	Smt	370.42	
24	24	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blacke namelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled.	Sqm	3007.42	
25	25	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (C) Hard board panels.	Sqm	2522.38	
26	26	25 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances but not exceeding 75 cm. apart with Mango wood or equivalent quality.	Sqm	1359.66	
27	27	40 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances not	Sqm	1810.3	

		exceeding 75 cm. apart with Mango wood or equivalent quality.			
28	28	Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete.	Sqm	3514.82	
29	29	Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete. with wooden louvers plank 12mm thick	Sqm	3896.00	
30	30	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	3949.12	
31	31	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	4842.66	
32	32	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4439.32	
33	33	Repairing to Wooden door In require all type Hardware item only Repairing with complete by incharge	Nos	-	
34	34	Hinge Instaling	Nos	-	
35	35	Stoper , Aldraft Etc	Nos	-	
36	36	Lock & with handle	Nos	-	

37	37	Repairing to Steel Cup board In require all type Hardware item only Repairing with complete by incharge	Nos	-	
38	38	Hinge Instaling	Nos	-	
39	39	Lock	Nos	-	
40	40	Iner Self Fiting	Nos	-	
41	41	Providing & Fixing Door closer - complete of Approved make to wooden / Aluminium Doors as per direction of engg. In charge.	Nos	-	
42	42	Providig and fixing FRP Frame size 125x65mm and 35mm thick FRP shutter with wood grain raised panel design finish shutter having extra reinforcement on sides and edges and in polish finish. The core of the shutter is to be filled up with injected fire extinguishing grade polyurethane foam done in situ along with embedded wooden pieces for stiffening and also for taking hinges and fixtures.the whole FRP frame and shutter is to be water proof, weather proof,termite proof and resistance to mild acid / alkali. Rates are to be inclusive of S.S hinges with necessary screws and brass fixtures,	Smt	-	
43	43	Providing and fixing extruded aluminum window having extruded aluminum Colour anodized section frame main outer size 127mm x 38.10mm x 1.35mm (of Jindal Section no:2443,@ Wt.1.384 Kg/mt),horizontal Four track member size 122.20mm x 31.75mm x 1.10mm (of Jindal Section no:8787,@ Wt. 1.205 Kg/mt),vertical member of size 122.20mm x 31.75mm x 1.50mm (of Jindal Section no:8935,@ Wt. 1.398 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt),vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/Section 8948,@ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2520.35	

44	44	<p>Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605.@ Wt 1.094 Kg / Rmt), horizontal two track member size 61.85 mm x31.75 mm x 1.20mm (of Jindal Section no: 8687 @ wt.of 0.695 Kg/mt), vertical member of size61.85 mm x 31.75mm x 1.30 mm (of Jindal Section no:8758 @ wt.of 0.0.659 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/ Section 8948, @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.</p>	Sqm	2021.71	
45	45	<p>Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour anodized alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for.window</p>	Sqm	1536.93	
46	46	<p>Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc</p>	Sqm	1870.99	

47	47	Providing and fixing standard extruded aluminium section of size 63.50 x 38.10 x 1.95 mm (of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour Powder Coated aluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for window	Sqm	1524.05	
48	48	Providing and fixing standard extruded aluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour Powder Coated aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sqm	1385.59	
49	49	Providing and fixing standard extruded aluminium section of size 63.50 x 38.10 x 1.95 mm (of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour Powder Coated aluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	Sqm	1801.96	
50	50	Providing and laying white glazed tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement.	Sqm	740	
51	51	Providing and laying Marbo Granite tiles 8 to 10 mm thick , 36" x 36" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement.	Sqm	1246.8	
52	52	Providing and laying cement concrete pavement (25mm to 50mm thick) with 1:2:4 (1-cement : 2-coarse sand : 4-stone aggregate 20mm nominal size) including finishing with floating coat of neat cement complete.	cu.m	3488.28	
53	53	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing & cleaning the surface etc.	Sqm	1009.42	

54	54	Providing and laying Granite slab (18 mm thick) one side polished flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid and jointed with grey cement slurry including rubbing and polishing complete	Sqm	2672.00	
55	55	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick	Sqm	887.00	
56	56	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 laid over and jointed with grey cement slurry including rubbing and polishing etc. complete. (B) 30 mm thick	Sqm	967.00	
57	57	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1 Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	Sqm	945.00	
58	58	Providing and laying polished granite stone slab 18 mm thick in risers of steps, dedo and pllars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with gray cement slurry including rubbing & polishing etc. Complete	Sqm	2690.00	
59	59	Providing and laying dark shade vitrified tiles 8 mm to 10 mm thick in skirting , riser of steps and deo on 10 mm thick cement plaster 1:3 (1 cement : 3 Coarse Sand) & jointed with white cement slurry.	Sqm	852.00	
60	60	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	Rmt	312.71	

61	61	Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M200 pneumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	Sqm	606.79	
62	62	Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M250 pneumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	Sqm	670.77	
63	63	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	Sqm	478.52	
64	64	Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	Sqm	905.68	
65	65	Filling cement concrete 1:2:4 (1-Cement :2- coarse sand :4-graded stone aggregate 12.5 mm nominal size) in gaps of A.C. sheet corrugation and wings of ridges.	Rmt	20.20	
66	66	Providing and Fixing 6 mm thick Lexan Polycarbonate multi wall roofing sheet fixed with hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3 mm etc complete as directed by Engineer in charge.	Sqm	1684.60	
67	67	Providing and fixing wooden planks ceiling with tounge and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (ii) 20mm thick	Sqm	1517.25	

68	68	Providing and fixing wooden planks ceiling with tounge and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (iii)25mm thick	Sqm	1870.00	
69	69	Providing and fixing single layer waterproof gypsum board 12.5 mm thick of the make Newgood Group Co. Ltd. or equivalent & Newgood Group Co. Ltd. company sections using waterproof board of size 1220 mm x 1830 mm x 8.0 mm suspended by G.I connecting cleat joining compound top coat on ceiling including making necessary opening for light fitting, diffuser etc. complete as per detail drawing as directed.	Sqm	703.93	
70	70	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3 sand)	Sqm	80.99	
71	71	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	111.25	
72	72	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	137.00	
73	73	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	Sqm	188.68	
74	74	Providing cement vata (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	Rmt	17.80	

75	75	Providing 20 mm thick double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trowel including scaffolding curing etc. complete.	Sqm	173.18	
76	76	White washing with lime on wall surface (two coats) to give an even shade including thoroughly booming the surface to remove all dirt, dust; mortar drops and other foreign matter.	Sqm	7.80	
77	77	Distempeing (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth.	Sqm	48.29	
78	78	Finishing wall with water proofing cement paint of on wall surfaces (Two coats) to give an approved brand and manufacture and of required shade even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials.	Sqm	36.11	
79	79	Applying priming coat over new steel and other metal surface after and including preparing the surface by thoroughly cleaning, oil,grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead.	Sqm	21.81	
80	80	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including clean in the surface of all dirt, dust and other foreign matter.	Sqm	55.18	

81	81	Painting two coats (excluding priming coat) on new wood and wood based surface with ready mixed paint, brushing, oil, gloss, semi gloss to give and even shade including cleaning of all dust, dirt and other foreign matter sandpapering and stopping.	Sqm	66.13	
82	82	Polishing with french polish on new wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papering smooth and including a coat of wood filler.	Sqm	83.57	
83	83	Painting lines, dashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width	Sqm	77.43	
84	84	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	sqm	65.00	
85	85	Applying two coats of Birla or Asian acrylic lapy (putty) & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	sqm	36.00	
86	86	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth Applying primer and Birla or Asian Acrylic lapy before painting.	Smt	-	
87	87	Demolition and disposal of unserviceable materials with all lead and lift.(i) Unreinforced Concrete	cu.m	383.00	
88	88	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	cu.m	665.00	
89	89	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	cu.m	346.00	

90	90	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Sqm	30.00	
91	91	Dismantling of wooden floors including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Sqm	45.00	
92	92	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(i) G.I.sheet roofing.	Sqm	30.00	
93	93	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) A.C. sheet roofing.	Sqm	34.00	
94	94	Dismantlings cement asbestos hard board in ceiling or partition walls, wooden trellies work including trellies work including frames,stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Sqm	30.00	
95	95	Dismantling wood work, wrought framed and fixed in frames trusses including stacking the materials with all lead and lift.	cu.m	1106.00	
96	96	Dismantling steel work including distempering and stacking the materials with all lead and lift.	Kg	2.30	
97	97	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq.M. in arNos	Nos	118.00	
98	98	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(ii) Exceeding 3 Sq.M. in arNos	Nos	158.00	
99	99	Dismantling barbed wire in fencing including making rolls and also including dismantling fencing posts including all earth work concrete in base and making good the disturbed ground stacking useful materials as directed and disposing as directed and disposing of the unserviceable materials with all lead and lift.	Rmt	42.00	

100	100	Dismantling C.I. pipes G.S.W.pipes and A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift (for any dia, of pipe)	Rmt	47.00	
101	101	Dismantling sanitary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	Nos	255.00	
102	102	Scraping oil paint from steel and other metal surface and making the surface even (with Hand Scraping.)	Sqm	31.00	
103	103	Providing and fixing 15 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 12 mm wide expansion joint	Rmt	12.00	
104	104	Providing and fixing 25 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 20 mm wide expansion joint	Rmt	17.00	
105	105	Providing and fixing 30 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 25 mm wide expansion joint	Rmt	20.00	
106	106	Providing and fixing 50 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 40 mm wide expansion joint	Rmt	53.00	
107	107	Providing and fixing 60 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 50 mm wide expansion joint	Rmt	70.00	

108	108	Removing and scraping of old deteriorated plaster of any thickness from wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift	Sqm	19.00	
109	109	Structural steel work (Confirming to IS 4923- 1997) riveted, bolted or welded in builtup for all type sections, in framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per the structural designs and directions of Engineer in charge.Column (122 x 61 x 3.6mm)	kg	109.00	
110	110	Providing and laying in position rebar as specified in true line & level including drilling adequate hole, cleaning the same, grouting with HILTI, HY - 200 rebar system as per manufacturers specifications strictly in accordance with structural details having minimum depth of embedment 125, etc complete For all floors (a) 8-32 mm dia	Nos	-	
111	111	Providing and laying, spreading and compacting B.T.M.C. stone aggregates of 63mm to 40mm size to W.B.M.150mm thick including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tones to proper grade and camber, applying and brooming requisite type of screening / binding / filler materials to fill up the interstices of coarse aggregate, watering and compacting to the required density. Grading - II using screening type - A (13.2mm Agg.) etc. complete.	Cmt	-	
112	112	Supplying premoulded bitumenous joint filler 12mm thick	Smt	-	
113	113	Extra for additional height of propping and centering where the height propping and centering exceeds 4.0 Meter between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (iii) Height more than 6.00 m. and up to 7 mt	Smt	-	
114	114	Providing & Filling screened of burnt coal cinder including and consolidation etc. complete	Cmt	-	

115	115	Providing and fixing chicken mesh jali with square of 12.50 x 12.50 mm of 25 gauge at junction the Bricks masonry and reinforcement cement concrete member including fixing scaffolding labour etc.complete	Smt	-	
116	116	Providing and fixing to glass film Standard material with require adhesive and any other require material with fixing,by engineer incharge.	Smt	-	
117	117	Fixing sun film for protection sunlight in black or any colour as as directed by engineer In Charge.	Smt	-	
118	118	Providing and fixing 1.20 Metre high fencing with 2.0 Metre long M.S. Angle posts 40mm x 40 mm x6 mm and oil painting 3 coats fixed at 2.5 Mt,C/c. with five Horizontal lines and two diagonals of galvanised steel barbed wire weighting 9.38 Kg. per 100 Metre, strained and fixed to posts with G.I,staples including fixing the posts in ground with 0.5 M x 0.5.M x 0.5 M. block in C.C1:5:10 etc complete.	Rmt	304.94	
119	119	Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (i) Fixing or precast R.C.C.1:2:4) 8 cm. thick slab with marble chips set in C.M. (1:6) (6mm thick terrazo) with plastering on exposed faces walls in C.M. (1:4) etc complete.	Rmt	592.5	
120	120	Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (ii) Fixing black kadappa stone 30mm thick laid on precast R.C.C. (1:2:4) slab with plastering on exposed faces of wall in C.M. (1:4) etc complete.	Rmt	718.9	

121	121	Applying general insecticide pest control treatment to floors, cupboards etc including labour material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Concentration Weight 0.50 percent is recommended one litre chemical emulsion dilute with 39 liter of water will give. Total dilute concentration will be 40 litre inclusive of one litre chemical emulsion application 0.5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	58.46	
122	122	Providing and laying bilimora type Brick facing in C.M. 1:1 laid over bedding of cement mortar 1:3 (20mm thickness) including clearing watering scaffolding etc. complete.	Smt	-	
123	123	Providing and fixing Teak wood rail of 60mm x 20mm size and 50cm. length including 3 coats of oil paint to wood work with set of 3 pags.	Rmt	72.00	
124	124	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity Nos with all necessary fittings and connection etc. complete on terrace.	litre	4.61	
125	125	Providing & fixing ,60 Litter sintex, Cello, plastik Dustbin.Hold to stand & moveble to requer,Stand stander size hevy pipe 50mm Round Pipe And requere hold fast & M-250 Grade concrete to excavated earth And install complete, rate with all tax, Labour & Etc To complete	Nos	-	
126	126	Providing & fixing ,80 Litter sintex, Cello, plastik Dustbin.Hold to stand & moveble to requer,Stand stander size hevy pipe 50mm Round Pipe And requere hold fast & M-250 Grade concrete to excavated earth And install complete, rate with all tax, Labour & Etc To complete	Nos	-	
127	127	Providing & fixing ,100 Litter sintex, Cello, plastik Dustbin.Hold to stand & moveble to requer,Stand stander size hevy pipe 50mm Round Pipe And requere hold fast & M-250 Grade concrete to excavated earth And install complete, rate with all tax, Labour & Etc To complete	Nos	-	

128	128	Providing & fixing ,120 Litter sintex, Cello, plastik Dustbin.Hold to stand & moveble to requer,Stand stander size hevy pipe 50mm Round Pipe And requere hold fast & M-250 Grade concrete to excavated earth And install complete, rate with all tax, Labour & Etc To complete	Nos	-	
129	129	Providing & fixing 4mm thick havy fiber sheet ,with require fasting complete and direct by engineer incharge	Smt	-	
130	130	Roller blind providing and fixing Roller blind curtain fixed on windows Level on wooden batten and curtairift with cotton thin rope , design and colour as per instruction by engineer in charge with necessary hardware fitting material and labour	Smt	-	
131	131	Providing and fixing chain link fenching jali .the size of chain link jaili 50mm x 50mm, fixed in 2.m x 1.m side welded with frame the jali shall be welded / revited with vertical & horizontal as per instruction of engineer incharge, chail link jali painted with 1 coat of promer and two coat of oil paint etc. completed	Smt	-	
132	132	Providing and Fixing 4mm thick external grade alluminium composite panel over plaster with ms frames of 35 x 25 MS Pipe with two coat primer as directed by Engineer - in - charge properly screwed over plaster. ACP should be properly fixed and screwed with the frame and all joints to be filled and finished with silicone in pattern suggested by the architect with tray system. Colours also should matalic or any colour be selected as per architects instructions. rate includs acp, ms frame, fixtures, fittings, scaffolding, etc. complete . (ACP work)	Smt	-	
133	133	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	Rmt	-	

134	134	RCC GSRs AND SUMPS..... Preparing structural design of 1 lacs liters RCC Under ground / Partially under ground of required capacity as per relevant I.S. s and constructing the same , including including excavation in all types of soil strata (including Rock) including shoring strutting if required, for loose soil/ to protect from collapse due to near by traffic load, casting 100 mm thick PCC levelling course in M-10 , refilling the pit with proper soil and disposing the surplus stuff within a lead of 50 meters. Including cement plaster CM 1:2 with approved water proofing compound to inside water touching surface to container. Including all type of labour and material charges of lowering, laying , erecting/ hosting and jointing of pipe assembly to inlet, out let overflow, wash out and by pass arrangement as per hydraulic design. Providing and fixing accessories like MS/ GI Ladder , Ci Manhole frame and cover, water level indicator, adequate cowl type ventilators or lantern type ventilator with stainless steel jali. B.B Chambers for valves. Providing and applying three coats of cement paint / snowcem to the out side face of the structure. It also includes satisfactory water tightness Test as per revelant I .S. code and painting name of the scheme and capacity on the tank as per direction of engineer in charge.	Nos	375000.00	
135	135	Providing and fixing Cement Sheet panel cladding work at front with using 3-5mm thick exterior Cement Sheet panel and alluminium natural anodisizing flat of 38.10 x 25 x 1.10 mm with groove filling including cost of material,hardware,accessories & fittings etc completed.	Smt	-	
136	136	Providing Fixing concentrino razor blad fencing of 45 cm to 60 cm dia or as directed by engineer incharge on the top of Y Angle for satety of campus including cost of material and labour	Rmt	-	
137	137	Providing making and Fixing SSPlate of 1 mm thick used as an information board and providing map in the campus including cost of printing on it fixed with SS round bolt as directed by engineer incharge including cost of printing letters, map etc complete.	Smt	-	

138	138	Applying general insecticide pest control INJECTION treatment to floors, cupboards, Toilets, rooms, hall etc including labour material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Concentration Weight 0.50 percent is recommended one litre chemical emulsion dilute with 39 liter of water will give. Total dilute concentration will be 40 litre inclusive of one litre chemical emulsion application 0.5 Litre chemical / Sqm of surface is recommended as per I.S standards	Smt	75.00	
139	139	Providing corrugated G.I. sheet of class-3 roofing fixed with galvanized iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet.	Smt	772.00	
140	140	Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M250 pneumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	Smt	-	
141	141	Providing & Laying 80 mm thick rubber mould paver block of M-40 grade made by block making machine with strong vibratory compaction and of approved size and design in required colour and pattern over and including 50 mm thick compacted bed of course sand etc.complete as directed by engineer in charge	Smt	-	
142	142	Providing making and Fixing SSPlate of 1 mm thick used as an information board and providing map in the campus including cost of printing on it fixed with SS round bolt as directed by engineer incharge including cost of printing letters, map etc complete.	Smt	-	
143	143	Providing and fixing 25 mm thick, 50 mm wide stainless steel letter of any size (minimum 300 mm) on any surface of any size with all materials, hardware, labour etc. complete	Smt	-	

144	144	Providing and Fixing S.S Railing for staircase made from S.S 304 grade 1.8 mm wall thickness matt finish, 50mm top hand rail, 38mm vertical balustrate fixing at 1.2 mt. C/C with anchor fastner 18 mm dia horizontal bars 75 mm dia. 8mm thk. Flange and shoe cap, with 3 nos. of 16mm horizontal pipe foting with L and key, modular knob system. Balustrate top modular "T" fixing support to 50mm hand rail and turning fixed with modular bend. including acessories as per detailed drawing as directed etc. complete	Rmt	-	
145	145	Providing & fixing 0.60 x 0.45 x 0.07precast cover (C.C.1:1.5:3) cover including angle frame of 40 x 40 x 5 mm section inclding necessary reinforcement etc. complete rates are inclusive of cost of angle frame concrete reinforcement ,finshing,fixing in position etc completed.	Nos	-	
146	146	Drilling and reaming of bore hole in alluvials starta by given 450mm / 450mm dia pilot bore hole including assembling lowering hoising casing pipes stainer pipe with gravel packing etc complete.	Rmt	-	
147	147	Supplying of 300mm dia PVC pipe 10kg per cm sq.	Rmt	-	
148	148	Material charge used for the bore including labour & materials PVC bail plug having length of 0.45mt as per IS for 300 mm dia pipe.	Nos	-	
149	149	Supplying best quality of well sorted out "Sevalia" gravel of size 4mm to 7mm at site.	Cmt	-	
150	150	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(A) 15mm	Rmt	155.4	
151	151	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(B) 20mm	Rmt	195.72	

152	152	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(C) 25mm	Rmt	270.48	
153	153	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(D) 32mm	Rmt	340.2	
154	154	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(E) 40mm	Rmt	415.8	
155	155	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(F) 50mm	Rmt	541.8	
156	156	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(A) 15mm	Rmt	119.28	
157	157	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(B) 20mm	Rmt	153.72	
158	158	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately) (C) 25mm	Rmt	220.92	
159	159	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(D) 40mm	Rmt	337.68	

160	160	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(E) 65mm	Rmt	556.92	
161	161	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid forseparately)(H) 80mm	Rmt	714.84	
162	162	Making connection of galvanised Mild steel distribution branch with galvanised mild steel main 50mm to 80mm nominal bore by providing and fixing tee including cutting and threading the pipes complete.	Nos	381.36	
163	163	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(A) 20mm	Rmt	49.56	
164	164	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 25mm	Rmt	63.84	
165	165	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 32mm	Rmt	74.00	
166	166	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 40mm	Rmt	79.00	

167	167	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 50mm	Rmt	104.00	
168	168	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 75 mm	Rmt	178.00	
169	169	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 110 mm	Rmt	318.00	
170	170	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 160 mm	Rmt	-	
171	171	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(C) 20 mm	Rmt	51.00	
172	172	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(C) 25 mm	Rmt	66.00	

173	173	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(C) 32mm	Rmt	77.28	
174	174	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(D) 40mm	Rmt	106.68	
175	175	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(E) 50mm	Rmt	149.52	
176	176	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	Rmt	249.48	
177	177	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110 mm	Rmt	412.00	
178	178	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(B) 75mm dia.	Rmt	811.44	
179	179	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(C) 100mm dia.	Rmt	976.08	
180	180	Providing and fixing in position cowel went pipes.(B) 75mm dia.	Nos	362.04	

181	181	Providing and fixing in position cowel went to pipes.(C) 100mm dia	Nos	490.56	
182	182	Providing and fixing cast iron (spun) Nahni trap of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls and floors 100 mm inlet and 50 mm outlet.	Nos	381.00	
183	183	Providing and fixing PVC SWR Nahni trap IS 14735 for drain -100 mm diameter with jail of the following nominal diameter of self cleaning design wit c.I scread down or hinged grating including the cost of cutting and making good the wall.	Nos	298.00	
184	184	Providing and fixing PVC SWR Nahni trap IS 14735 for drain -75 mm diameter with jali of the following nominal diameter of self cleaning design with C.I scread down or hinged grating including the cost cutting and making good the wall.	Nos	290.00	
185	185	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour	Nos	588.00	
186	186	Providing and fixing wsh down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour	Nos	876.12	
187	187	Providing and fixing 100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement Mortar 1:1 (1-Cement : 1-Fine sand)(A) Vitreous China.	Nos	198.24	

188	188	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm including Flush Cock, vitreous china foot rest and P or S trap made of (A) Vitreous China.(I) Long pattern = White colour	Nos	-	
189	189	Providing and fixing in Cement Mortar 1:3 (1- Cement : 3-coarse sand)a, pair of white vitreous China 250mm x 130mm x 30mm footrest to long pattern squatting pan water closet.	Nos	85.68	
190	190	Providing and fixing 7-12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nom.nal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia. porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)(A) Vitreous China (I) In white colour	Nos	2067.03	
191	191	Providing and fixing in position with clamps etc. 32mm nominal internal diameter galvanised steel tube flush pipe for high level flushing cistern including connecting the flush pipe with cistern and closet and making good the walls and floors.	Rmt	288.12	
192	192	Providing and fixing G.I. inlet connection for flush pipe with W.C. Pan	Nos	16.21	
193	193	Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal andcover.	Nos	333.48	
194	194	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	Nos	888.72	

195	195	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. (C) Vitreous China Sink.(i) 600mm x 450mm x 150mm size	Nos	1914.36	
196	196	Providing and fixing C.P. brass waste for wash basin or sink. (A) 32mmdia.	Nos	71.4	
197	197	Providing and fixing C.P. brass waste for washbasin or sink. (B) 40mm dia.	Nos	94.08	
198	198	Providing and fixing M.I. fisher union for washbasin or sink. (A) 32mm dia.	Nos	86.52	
199	199	Providing and fixing M.I. fisher union for washbasin or sink. (B) 40mm dia.	Nos	96.6	
200	200	Providing and fixing C.P. Brass Health Faucet (ABS) with rabbit cleaning system 1.25 mt. long P.V.C. Flexible tubes and ABS wall hook ,extension nipple 62mmlong etc. complete as direction, cera, hindware, etc	Nos	-	
201	201	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap.	Nos	43.19	
202	202	Providing and fixing C.P. brass shower rose with 15mm or 20mm inlet.(A) 100mm dia. Nos	Nos	321.72	
203	203	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	Nos	579.6	
204	204	Providing and fixing C.P. brass towel rail comlete with C.P. brass brackets fixed to wooden plugs with C.P. brass scews.(B) 600mm x 20mm size.	Nos	592.00	
205	205	Providing and fixing 600mm x 120mm glass shelf with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brassscrews.	Nos	364.56	

206	206	Providing & fixing Clothes Hooks Strip made from Aluminium or Brass of 4 Hooks in it or more as guide by engineer incharge and including all taxes, transportation cost etc. complete	Nos	-	
207	207	Providing and Fixing Stainless Steel Soap dish of including necessary S.S. screw with labour etc. complete	Nos	-	
208	208	Providing and fixing toilet paper holder.(A) C.P. Brass	Nos	383.04	
209	209	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (ii) 50mm dia.	Nos	-	
210	210	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.	Nos	189.00	
211	211	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (ii) 20mm dia.	Nos	236.88	
212	212	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	Nos	215.04	
213	213	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (ii) 20mm dia.	Nos	247.80	
214	214	Providing and fixing Gun metal check or non-return fullway wheel valve.(A) 15mm dia.	Nos	217.00	
215	215	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	Nos	487.00	
216	216	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	m	770.00	
217	217	Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (i) 15mm dia.	Nos	183.12	
218	218	Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (ii) 20mm dia.	Nos	204.96	
219	219	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts (i) 15mm dia.	Nos	354.48	
220	220	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts(ii) 20mm dia.	Nos	408.24	

221	221	Providing and fixing brass screw down stop tap.(A) 15mm dia.	Nos	236.88	
222	222	Providing and fixing brass screw down stop tap.(B) 20mm dia.	Nos	235.20	
223	223	Providing and fixing brass screw down stop tap.(C) 25mm dia.	Nos	254.52	
224	224	Providing and fixing Gun metal check or non- return fullway wheel valve.15mm dia.	Nos	215.04	
225	225	Providing and fixing Gun metal check or non-return fullway wheel valve. 20mm dia.	Nos	235.20	
226	226	Providing and fixing Gun metal check or non-return fullway wheel valve. 25mm dia.	Nos	483.00	
227	227	Providing and fixing Gun metal check or non-return fullway wheel valve. 32mm dia.	Nos	361.20	
228	228	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	Nos	761.88	
229	229	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(i) 20mm dia.	Nos	293.16	
230	230	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	Nos	303.24	
231	231	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 32 mm dia.	Nos	318.00	
232	232	Providing and fixing Urinal or approved quality including conecting the Urinal with waste pipe , tap etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.	Nos	358.00	
233	233	Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm.	Nos	975.24	
234	234	Providing and fixing Rubber plug for sink or wash basin.	Nos	18.48	

235	235	Providing and fixing chromium plated, bottle trap with necessary couplings of approved quality for wash basin.	Nos	322.56	
236	236	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (i) 25mm dia.	Nos	154.56	
237	237	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (ii) 50mm dia.	Nos	219.24	
238	238	Providing and fixing ball cock of approved. quality as directed.(B) Abonite (i) 25mm dia.	Nos	120.12	
239	239	Providing and fixing ball cock of approved. quality as directed.(B) Abonite (ii) 50mm dia.	Nos	159.6	
240	240	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	Nos	1101.24	
241	241	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	Nos	119.07	
242	242	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.	Rmt	99.00	
243	243	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20 mm.	Rmt	132.00	
244	244	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm.	Rmt	175.00	

245	245	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [D] 32mm.	Rmt	247.00	
246	246	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 40mm.	Rmt	333.00	
247	247	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [F] 50mm.	Rmt	524.00	
248	248	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	71.00	
249	249	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	86.00	

250	250	Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	113.00	
251	251	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	142.00	
252	252	Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	182.00	

253	253	Providing, laying and jointing in true line and level 160 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with Nos other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diametre x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	796.00	
254	254	Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with Nos other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	442.00	
255	255	Under Ground water tank & Over head water tank cleanig by require water and chemicals,tank clean to be completely clean by clining machine,by inchagre	litre	-	
256	256	Making Water connection from exi.Muni. Water line (N.S.)	Nos	-	
257	257	Providing and fixing 600 mm x 450 bevelled edge mirror fixed to wooden plug with C.P brass.	Nos	-	

258	258	Making connection to existing water supply / drainage line including necessary jointing material and finishing etc. complete.	Nos	-	
259	259	Providing and fixing chromium plated brass Stop cock of approved quality including fixing in pipe line etc. complete. 25mm dia.,Cera,Jaquar,Equivalent	Nos	-	
260	260	Providing and fixing Water net connection pipe& waist cupling require to wash basin, Urinal ,Equivalent.	Nos	-	
261	261	Providing & fixing to Jet spray heavy duty with S.S. Braided hose 60 cm long	Nos	-	
262	262	Providing and fixing chromium plated, bottle trap with necessary couplings of approved quality for washbasin.Cera,Jaquar, Equivalent.	Nos	-	
263	263	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (ii) 20mm dia.	Nos	-	
264	264	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.Cera,Jaquar, Equivalent.	Nos	-	
265	265	providing and fixing Eropeun Seat cover for reuiremodle by in charge, Cera, jaguar, Equivalent.	Nos	-	
266	266	European Flush tank Repairing & Service , water supply problem solution ,By department in charge	Nos	-	
267	267	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Selt glazed stoneware pipes including testing of pipes and joints complete.(A)100mm dia.	Rmt	133.56	
268	268	Providing and laying lime concrete 1:2:4 (1-Lime putty :2-Fine samd : 4-Graded brick aggregates 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. 450mm width (166mm Ave. bed thickness)	Rmt	113.4	
269	269	Providing and laying jointing and pointing with stiff mixture of Cement Mortar 1:1 (1-Cement : 1 Fine sand) 150 mm internal diameter salt glazed stoneware half round channels.	Rmt	131.04	

270	270	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type.	Nos	1202.88	
271	271	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps.(B) 150mm x 100mm size P or R type	Nos	1227.24	
272	272	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(B) 150mm	Rmt	237.00	
273	273	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(C) 250mm	Rmt	348.00	
274	274	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(D) 300mm	Rmt	439.32	
275	275	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(E) 450mm	Rmt	787.92	

276	276	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(F) 500mm	Rmt	906.36	
277	277	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(G) 600mm	Rmt	1054.2	
278	278	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(H) 900mm	Rmt	1917.72	
279	279	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(H) 1000mm	Rmt	2175.6	
280	280	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(M) 1200mm	Rmt	2504.04	

281	281	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6 Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement: 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4- stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1-Cement: 5-Coarse sand) (3) C type depth 2.25 Metre for 150mm diameter sewer.	Nos	19750.92	
282	282	(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (4) D type depth 3.15 Metre for 150mm diameter sewer.	Nos	25331.04	
283	283	Providing and fixing cast iron steps of size 500mm x 150mm x 22.5mm and painting with two coats of Anti-corrosive paint etc. complete.	Nos	103.32	
284	284	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.)	Nos	543.48	
285	285	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.)	Nos	543.48	

286	286	Providing and erecting at the site of work steel ventilating column of 150m internal diameter and 12.20 Metre High from G.L. to bottom of top grill including C.I. grill and base plate bolts and nuts etc. and excavation in foundation of size 120cm. x 120vc. x 165cm. and filling the pit with first layer of cement concrete 1:3:6 mix (1-cement :3-coarse sand :6-graded stone aggregate 20mm nominal size) of 120cm. x 120cm. x 90cm. and remaining pit with B.B.C. 1:3:6 mix (1-cement :3-coarse sand:6-Brickbats 40+50mm size) and providing fillet in Cement concrete 1:2:4 mix (1-cement :2- coarse sand :4- graded stone aggregate 20mm. nominal size) atG.L. and 3 coats of silver paint etc. complete.	Nos	26386.00	
287	287	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete.	Nos	1553.16	
288	288	Constructing Brick masonry road gully chamber 450mm x 450mm x 775mm with vertica gating complete.	Nos	1979.04	
289	289	Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.)	Nos	3222.24	
290	290	(A) Providing sock pit of 2.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed.	Nos	1080.24	
291	291	(A) Providing sock pit of 2.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed.	Nos	1080.24	

292	292	(B) Providing sock pit of 5.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed.	Nos	2701.44	
293	293	Cleaning to Main hole, In side area clean as per direction and Soil cleaning, Sawage,And water Cleaning in the Main Hole.Height not More than 1.5 m	Nos	-	
294	294	Cleaning to Main hole, In side area clean as per direction and Soil cleaning, Sawage,And water Cleaning in the Main Hole.1.5 to 3 m	Nos	-	
295	295	Cleaning to Main hole, In side area clean as per direction and Soil cleaning, Sawage,And water Cleaning in the Main Hole 3m to 6 m	Nos	-	
296	296	Cleaning to Chamber, In side area clean as per direction and Soil cleaning, Sawage,And water Cleaning in the Chamber.	Nos	-	
297	297	Cleaning to Gully trape, In side area clean as per direction and Soil cleaning, Sawage,And water Cleaning in the Gully trape.	Nos	-	
298	298	Cleaning to Drainage pipe line, In side area clean as per direction and Soil cleaning, Sawage,And water Cleaning in the Drainage pipe line.	Rmt	-	
299	299	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials(D) By mechanical means in area of thorny jungle	Hactor	-	
300	300	P & F table over all size 2400X1200X750 with Side rack 2000X675X750 made from 18mm Plywood covered with Mahogany Veneer and 5mm thick PU lamination, 1mm Lamination and Backer lamination on other side as detailed in attached specification sheet and as per attached photographs.	Nos	-	

301	301	P & F laminated Work Top with mounter and made from 36mm Plywood with overall size as per requirements, With edge bands and 1 mm laminate sheet on both side. As detailed in attached specification sheet and as per attached photographs.	Smt	-	
302	302	P & F Gable end to support top having overall size (600-500 X 710 X18 mm or as specified by engineer incharge made from 18 mm plywood with 1 mm laminate sheet both side with 2mm edge bands. As detailed in attached specification sheet.	Smt	-	
303	303	P & F Modesty panel to support top having overall width 600mm, made from 18 mm plywood with both side laminated with 0.8 mm edge bands. As detailed in attached specification sheet.	Smt	-	
304	304	P& F Drawer Unit 600 X 400 X 500mm with one drawer and one locker . Entire construction is from 18mm Plywood and fabricated for joining with Nos other as per KD-32 system including all dowels and mini fix. The drawer front is fixed with 2 pairs of LAMELLO Joinery. As detailed in attached specification sheet.	Nos	-	
305	305	Providing Three seated sofa of required size using 18 mm thick ply box, S.S. legs All members of the U-foam shall be in true shape without any warp or bow and shall have smooth, specified Density, well smoothed edges in true shape, at right stitching to Nos other. Sofa seat covered with 40 density 4" thick U-foam covered with 32 density 1" thick for shaping covered rexin leather cloth material as per detailed stitched tapestry in true line and level and shape and same to sofa back instead of 40 density 3" thick U-foam except 32 density 3" thick shall be used as per detailed drawing.Sofa shall be provided at least 75mm thick arm rest made from Plywood box on top of which 4 mm thick veneer and french polish should be applied.	Nos	-	

306	306	<p>Providing double seated sofa of required size using 18 mm thick ply box, S.S. legs All members of the U-foam shall be in true shape without any warp or bow and shall have smooth, specified Density, well smoothed edges in true shape, at right stitching to Nos other. Sofa seat covered with 40 density 4" thick U-foam covered with 32 density 1" thick for shaping covered rexin leather cloth material as per detailed stitched tapestry in true line and level and shape and same to sofa back instead of 40 density 3" thick U-foam except 32 density 3" thick shall be used as per detailed drawing.Sofa shall be provided at least 75mm thick arm rest made from Plywood box on top of which 4 mm thick veneer and french polish should be applied.</p>	Nos	-	
307	307	<p>Providing High back executive chair, as per approved sample by chief architect/project in charge, with PU. handle, hot pressed bend ply in seat and back, ergonomically design with natural shape of spine supporting entire back of the user and provide good lumber support. The back rest ht is 26"Upholstered with 40 density PU foam in seat and back, Covered with tapestry of approved colour and pattern.Bottom: 38mm dia x 1.6 mm thick pipe used in five prone stand with castors, Single position lock, gas lift operating system and tilt mechanism made from M.S. sheet [2.5, 3.15, 4mm thickness], duly powder coated 40 to 50 micron</p>	Nos	-	

308	308	Providing Medium back chair, as per approved sample by chief architect/project in charge, Back ht is 22" from the seat. Chair under structure made from 19mmX16G CRC pipe, Upholstered by 2 inch X 40 density PU. foam and in seat and 1 inch X 32 density PU foam in back rest. Soft PU handle as per sample Bottom: 38mm dia x 1.6 mm thick pipe used in five prone stand with castors, Single position lock, gas lift operating system and synchro tilt mechanism made from M.S. sheet [2.5, 3.15, 4mm thickness], duly powder coated 40 to 50 micron	Nos	-	
309	309	Providing Low back chair, as per approved sample by chief architect/project in charge, , hot pressed bend ply in seat and back, ergonomically designed. Upholstered with 40 density PU foam in seat and back. Back Height is 16" from the seat. Bottom: 38mm dia x 1.6 mm thick pipe used in five prone stand with castors, Single position lock, gas lift operating system and tilt mechanism made from M.S. sheet [2.5, 3.15, 4mm thickness], duly powder coated 40 to 50 micron.	Nos	-	
310	310	Providing Visitor chair, as per approved sample by chief architect, Chair under structure made from 28mmX18G CRC pipe, Upholstered by 2 inch X 40 density PU. foam and in seat and 1 inch X 32 density PU foam in back rest. Soft PU handle as per sample Bottom: Made from 25X18 SWG OR Oval Pipe of suitable cross section as per sample duly powder coated to 40 to 50 Micron.	Nos	-	
311	311	Providing Foot rest: Size 600X300X100/125 mm made from 16mm BWR calibrated ply confirming to IS 303 covered with 0.7mm High pressure laminate on both side glued with PUR glue, 0.8mm thick PVC edge bands glued with hot melt Glues on auto edge banding machine. Top is covered with PVC carpet.	Nos	-	

312	312	Providing and fixing Key board tray INNOFIT make model IS KD Denzo (Basic) OR EBCO make Keyboard tray model KBTC 35. & Mouse board tray fitting under the table In approved colour.	Nos	-	
313	313	Providing CPU trolley Made from M.S. sheet, finished with powder coated fixed with adjustable castors	Nos	-	
314	314	Providing Stainless Steel 5 liter capacity dustbin as approved by engineer incharge of silver colour with pedal opening and as shown in picture including all taxes, transportation cost etc. complete.	Nos	-	
315	315	P & F modular partition full or low with 1.2m or or as specified by engineer incharge with whole frame structure of Aluminium extruded alloy sections with all sections powder coated (50 micron) having overall partition thickness 80 mm (double skin) flush on both sides, with no screwing or gluing etc. visible. Panels should be 12mm MDF pre laminated boards. As detailed in attached specification sheet.	Smt	-	
316	316	Supply & Installing of Water Co2 Type -9-Ltr., Capacity Fire Extinguisher as per IS A ISI - mark , with necessary Fittings etc. complete.	Nos	-	
317	317	Providing and laying Wooden laminate flooring of approved brand as directed with sheet size of 1214x192x8 mm / 1286x192x8 mm with surface finish of natural embossing or grain embossing made of high density fiber with floating instolation system with unlining click system, it should be water and pest resistable including cost of material , labour etc complete.	Smt	-	
318	318	Supply & Installing of DCP Type - 5 Kg, Capacity Fire Extinguisher as per IS -2171 ISI - mark , with necessary Fittings etc. complete.	Nos	-	
319	319	P & F storage rack ready to assemble type, self standing, over hanging or partition mounted storage system. Entire construction is from 18mm pre laminated MDF board and fabricated for joining with Nos other as per KD-32 system including all dowels and mini fix. As detailed in attached specification sheet and as per attached photographs.	Smt	-	

320	320	Providing & fixing Material For Some type Chair Repair, Chair Hydraulic,Stand,Handle,Wheels, Plate , Plate Screw, some place weld,etc complete	Nos	-	
321	321	Point wiring for Light / Bell with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in/ on surface on wall/ceiling complete with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (e) in existing pipe Cat. III	Pt.	-	
322	322	Point wiring for FAN with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 KV Grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling complete with 6A Modular type switch and hum free EME four or more step type electronic fan regulator with separately mounted and accessories with earth continuity of following type erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed.(e) in existing pipe Cat. III	Pt.	-	
323	323	Point wiring for Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling with following type accessories Cat. III	Pt.	-	
324	324	Providing following type of Modular Type Accessories mounted with pvc / metallic box, single mounting base frame covered with textured / metallic front plate , modules erected with necessary connection. As desired by Engineer In charge (7) Blank Plate Single Cat.III	Nos	-	

325	325	(9) 16 Amp. SP one way switch Cat.III	Nos	-	
326	326	(10) 6/16Amp. Universal socket Cat.III	Nos	-	
327	327	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed (b) 25 mm	Mtr.	-	
328	328	Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes. (2) 25 mm	Mtr.	-	
329	329	Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (e) in existing pipe (a) 2 wire 1.5 sq. mm	Mtr.	-	
330	330	Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (e) in existing pipe (a) 2 wire 4 sq. mm	Mtr.	-	
331	331	(i) 4 wire 10 sq. mm	Mtr.	-	
332	332	Mains with ISI marked, 1.5KV grade electrolyte multi stranded, annealed copper conductor with heat resistant PVC insulated conforms to IS 694, IEC - 227 erected in existing pipe of following size (Specifically for control panel, relays, power switchgears, motor starters & control wiring) with required size of copper lugs, nuts and bolts if required. (g) One wire 16.00 sq. mm	Mtr.	-	
333	333	Providing & erecting Switch board for Computer or electric apparatus consisting of following items in single board erected on PVC / Metal board with 3 mm thick PC (Polycarbonate) / Acrylic sheet erected as directed1 no. 6A/16A universal plug-switch combined.4 nos. 6A Switch4 nos. 6A 5 pin Plug [B] For Modular Type Accessories Cat. III	Nos	-	

334	334	Supplying & erecting Approved make call bell indicator with buzzing sound and Red light indicating lamp with Red light button to attend the call suitable for 240 v 50 c/s supply to be erected.	Nos	-	
335	335	Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 KA. at 415 V, having normal current rating up to 25 A to 100A. with Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III	Nos	-	
336	336	Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 35 KA. at 415 V . having normal current rating up to 250A. with variable thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III	Nos	-	
337	337	Miniature circuit breaker single pole 6A to 32A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark Cat.III	Nos	-	
338	338	Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (c)63 Amp. Cat.III	Nos	-	
339	339	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) (K) Three phase 6 way single door for single phase outgoing horizontal box	Nos	-	
340	340	Supplying & erecting Sheet Steel powder coated Cable end termination Box to be mounted on Top or Bottom of the MCB Distribution Box for housing/covering Extra wires & Cables, suitable for following size of MCB DB Box. (F) Three Phase 6 Way	Nos	-	

341	341	Supplying & erecting in earthpit of minimum bore dia. 225mm size ASH or approved make Safe Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free G.I.Pipes having Outer pipe dia of 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications. [B] For Electrical installation up to 11 KV located in other than normal soil i.e. Soft Rock, Marshy Soil etc.	Nos	-	
342	342	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (C) 3 1/2 core 70 Sq. mm (35 Sq. mm 1/2 core)	Mtr.	-	
343	343	(E) 3 1/2 core 120 Sq. mm (70 Sq. mm 1/2 core)	Mtr.	-	
344	344	Making trench in soft soil of suitable width of 90 cms deep for laying cable or locating the fault all over the run and backfilling the same and making the surface as normal ground.	Mtr.	-	
345	345	Making trench in Hard Murrum / Tar Road of suitable width of 90 cms or required depth for laying any size of cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	Mtr.	-	
346	346	Providing & laying approved make Double walled corrugated pipes (DWC) of polyethylene(conforming to IS 14930 II)with necessary connecting accessories of same material at required depth for laying of cable. below ground / road surface for enclosing cable and back filling the same to make ground as per original. (C)120 mm dia.	Mtr.	-	
347	347	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (C) 3 & 1/2 core 70 Sq. mm	Nos	-	
348	348	(E) 3 & 1/2 core 120 Sq. mm	Nos	-	

349	349	Solderless crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (C) 16 Sq.mm.	Nos	-	
350	350	(F) 70 Sq.mm.	Nos	-	
351	351	(H) 120 Sq.mm.	Nos	-	
352	352	Providing and erecting busbar chamber conforming to IS-375 fabricated from 16 G.M.S. sheet, dust & vermin proof having hinged door with rubber gasket and necessary busbar supports with Aluminium busbar having current density not more than 0.8 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulation tape for phase sequence, three phase & neutral Nos Suitable for following current capacity with necessary painting mounted on wall or pedestal frame of required size with necessary connections. (C) Suitable for 300 Amp. capacity	Rn.Mtr	-	
353	353	Supplying and erecting triple pole & neutral 440V / 500V panel mounting Copper Busbars with four equal Nos. of electrolyte bus having current density not more than 1.6 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to Nos bar, erected in existing cubical panel with necessary connections. (C) Suitable for 300 Amp. capacity	Rn.Mtr	-	

354	354	<p>Providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board having IP-64 protection made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S.sheet for internal partitions with necessary supporting angles, flats including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, with suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size.(A) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory and shall be certified by that company whose switch gears are used after fabrication for beneficial use (i) with 350mm depth</p>	Sq.Mtr	-	
355	355	<p>Providing and erecting Approved make Ceiling fan with double ball bearing ISI mark with condenser A.C. 230V.50 c/s.1200 mm. sweep complete, canopy and 30 cms. down rod erected on existing hook or clamp with 24/0.2 , 3 core flexible wire with earthing. [Make shall be approved by Engineer in charge]</p>	Nos	-	
356	356	<p>Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down rod erected duly painted for fan complete with necessary 24/ O.20, 3 core flexible wire with earthing.</p>	Mtr.	-	
357	357	<p>Supplying & erecting Fan Hook of 10 mm M.S. Round bar grouted in RCC slab with Making the site as original.</p>	Nos	-	

358	358	Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length Nos side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing.	Nos	-	
359	359	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.	Nos	-	
360	360	Supplying & erecting single phase approved make industrial exhaust fan suitable for medium duty ring mounted low noise operation suitable for medium duty having following dia size and maximum speed in RPM [C] 380 mm dia 1400 RPM Cat.II	Nos	-	
361	361	Supplying & erecting electro galvanised G.I. wire micro mesh jali cover of grade 304 required size with suitable wooden frame duly fitted in wall outside of exhaust fan for insect protection.	Sq. Mtr	-	
362	362	Providing recess in wall or window frame suitable for erection of Exhaust fan complete with plastering and colour washing to match the colour of the wall or window complete with expanded metal in order to render the fitting in accessible and the room water-proof.	Nos	-	
363	363	Supplying and erecting bakelite sheet 12mm thick HYLAM make on existing angle iron frame.	Kg.	-	
364	364	Providing & erecting water cooler having storage capacity 150 Ltr. & cooling capacity 150 Ltr.per hour @ an ambient temp of 450 C. The outlet temp. of the water should drop by 150C within a hour, The water cooler should be comprising of hermetically sealed compressor, fan motor, condensing unit, water tank surrounded by evaporating, coil, thermostats, relay etc.complete with necessary inlet & outlet connection. The body of water cooler will be made from Stainless Steel.	Nos	-	

365	365	<p>Supplying & erecting 5 stage single reverse osmosis water purification system with M.S. powder coated frame, prefilter housing with 'O' ring presediment filter GAC filter, carbon filter suitable buster DC pump capacity 80 psi, mention with 40 Osg inline type post carbon filter auto low & high pressure switches with following size of storage tank & LPH capacity & erected as directed with one year comprehensive maintenance guarantee. [C] 50 Ltr / Hr with 250 psi 2 nos booster pump</p>	Nos	-	
366	366	<p>Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA polyester powder coated and high U.V. & corrosion resistance with diffuser and/or Polycarbonate optics with company mark/name 120 to 300 V, Power Factor more than 0.9, THD < 10 %, CCT 4000 K to 6500K, Uniformity ratio >0.7, Luminaire efficacy > 85 lumens/watt ,LED driver efficiency > 85 % CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/Bridgelux(U.S.A.) make LED used for luminaire. (Nos fitting required LM-79 & LM-80 Certificates) (D) LED Panel Light with provision for Plane front frame with translucent cover fixed to housing complete. (e) 24 watts, 300 x 300 mm, Surge-4 KV Cat-II</p>	Nos	-	
367	367	<p>Providing & erecting open well horizontal mono block pump set with cast iron body, complete for three phase submersible motor having [F] For 10 HP 3 phase open well horizontal mono block pump set suitable for 1725 LPM to 940 LPM @ 15 to 36 MTR head suitable for 65/80 mm dia delivery pipe Cat.II</p>	Nos	-	

368	368	Supplying & erecting approved make motor control cubical panel [Star delta] made from 16G CRCA sheet duly epoxy powder painted inside and outside with hinged doors and locking with suitable size of ON - OFF isolator (AC 3 / 23 duty) main fuses. Digital volt and current meter (in a single unit) with micro controller based control unit and current sensing single phasing preventer electronic overload protection, over voltage (Programmable) protection and under voltage (Programmable) protection, prod less dry run protection programming facility for setting of all parameter like overload current, high voltage limit, low voltage limit, dry run limit with digital indication on seven segment LED display for any fault like over load, high voltage, low voltage, dry running single crimped, electronic star delta timer, feather touch start / stop push buttons to be erected on angle iron frame. Grouted on wall the contactors will be of L& T, Siemens , BCH make only) (b) S/D up to 10 H.P.	Nos	-	
369	369	Providing and erecting ISI marked PVC insulated PVC Sheathed Flat flexible Submersible copper cable approved make of following Size. (f) 3 Core x 16 Sq. mm.	Mtr.	-	
370	370	Supplying ISI Marked (Embossed) following size of Heavy duty "C" Class G.I . Pipe & erecting as directed by Engineer-in-charge with necessary plumbing as desired. (A) 25 mm dia	Mtr.	-	
371	371	Supplying and erecting with leak proof materials, M.S. Heavy duty ISI marked coupling having threads of 8 TPI/11 TPI suitable for 'C' class pipe to take load of pump and pipe assembly of following size andTPI :- (A) 40mm(1.5") dia. pipe 8 TPI	Nos	-	
372	372	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (C) 3 1/2 core 95 Sq. mm	Rmt	-	

373	373	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (C) 3 1/2 core 120 Sq. mm	Rmt	-	
374	374	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (C) 3 1/2 core 150 Sq. mm	Rmt	-	
375	375	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (C) 3 1/2 core 180 Sq. mm	Rmt	-	
376	376	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (C) 3 1/2 core 240 Sq. mm	Rmt	-	
377	377	Providing And fixing to 36 watt FLUORESCENT TUBES light ISI for wall and Ceiling area with require clamping ang completing fitting by incharge	Nos	-	
378	378	Providing And fixing to 36 watt LED TUBES light ISI for wall and Ceiling area with require clamping ang completing fitting by incharge	Nos	--	
379	379	Providing And fixing to 18 watt FLUORESCENT TUBES light ISI for wall and Ceiling area with require clamping ang completing fitting by incharge	Nos	-	
380	380	Providing And fixing to 18 watt LED TUBES light ISI for wall and Ceiling area with require clamping ang completing fitting by incharge	Nos	-	
381	381	Repairing to ceiling ,Pedestral Fan :	Nos		
382	382	Rewinding fan	Nos	-	
383	383	Service of fan (Bering Change + Capacitor)	Nos	-	
384	384	Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity	Nos		

385	385	Providing and erecting,50 watt heavy duty flood light integral luminaire comprises die cast aluminium body with heat resistant toughened front glass, silicon rubber gasket, anodised reflector hot deep powder coated cradle clamp,water proof,Stander company (I.E made in india) with suitable size of necessary built in control gear complete with labour & all tax rate.	Nos	-	
386	386	Providing and erecting,100 watt heavy duty flood light integral luminaire comprises die cast aluminium body with heat resistant toughened front glass, silicon rubber gasket, anodised reflector hot deep powder coated cradle clamp,water proof,Stander company (I.E made in india) with suitable size of necessary built in control gear complete with labour & all tax rate.	Nos	-	
387	387	Providing and erecting,500 watt heavy duty flood light integral luminaire comprises die cast aluminium body with heat resistant toughened front glass, silicon rubber gasket, anodised reflector hot deep powder coated cradle clamp,water proof,Stander company (I.E made in india) with suitable size of necessary built in control gear complete with labour & all tax rate.	Nos	-	
388	388	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (C)16 Sq. mm & 4 core Cable	Nos	-	
389	389	Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on 3 phase and neutral 415V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component for following Max. rating erected as directed. (iii) 63 Amps. FP	Nos	-	

390	390	Supplying & erecting approved make SMC press moulded composite FRP. loop-in, loopout approx. 2mm thick box complete with bakelite connector strip 4way & hinged doors having locking arrangements with mounting clamp with nuts, bolts & washers suitable for erection on pole with cable clamps& earth bolt of following size of box.(a) 300mm x 200mm x 100mm [deep	Nos	-	
391	391	Supplying Table fan approved make A.C. 230V, 50 c/s. 40 cms. sweep oscillating complete with 3 mtrs. of 3core round flexible wire and 3 pin plug top. [Make shall be approved by Engineer in Charge]	Nos	-	
392	392	Supplying & erecting approved make low noise decorative exhaust fan having size 200mm with 1350 RPM with square frame ABS body with inbuilt lowers & square frame.	Nos	-	

Note : GST will be provided separately

Seal and Signature

Authorized Person

Place :

Date :