



**Infrastructure Development Investment Program for Tourism (Project 3)
Himachal Pradesh (IDIPT-HP)**

ADB Loan No. 3223-IND

Tender Notice

Corrigendum - 1

Name of Work: Creation of Tourist Cultural Centre, Janjehli, District Mandi

Package No: HPTDB/15/2

Ref. NCB Invitation for Bids No.: IDIPT-HP/P3/NCB/2018-19/01 dated 08th April 2018

Date: 06/05/2018

This Corrigendum is being issued to change the BOQ in Volume II – Bid Price, Section 4B, Bill of Quantities of the Bidding Document subsequent to the pre-bid meeting.

Revised Bill of Quantities:

The revised BOQ accommodates some of the changes in the original bidding documents subsequent to the pre-bid meeting held on 28th April 2018. The revised BOQ supersedes the original one as given in Volume II of bid documents. The Bidders are required to use this revised BOQ for submitting their Price Bids. The Bidders who have already purchased bid documents from the address mentioned below shall collect the revised Volume II of the bidding documents (Bid Price) from the same address mentioned below or can be downloaded from the Tourism Department website <http://hptdc.in/index.php/tenders/> (Corrigendum-1). Failing to use this revised BOQ shall result in disqualification of the bids submitted by the Bidder.

All other terms and conditions remain unchanged.

The Project Director,

Infrastructure Development Investment Program for Tourism, Himachal Pradesh (IDIPT-HP),

Himachal Pradesh Tourism Development Board (HPTDB)

Department of Tourism and Civil Aviation

First Floor, U.S. Club

Shimla – 171 001, HP, India

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Section 4B - Bidding Forms

- Post qualification -

Table of Forms

Letter of Price Bid.....	4B-3
Bill of Quantities	4B-5

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Letter of Price Bid

Date: dd-mm-yyyyInvitation for Bid No.: IDIPT-HP/P3/NCB/2018-19/01**NCB No.: HPTDB/15/2**

To:
 The Project Director,
 Infrastructure Development Investment Program for Tourism, Himachal Pradesh (IDIPT-HP)
 Himachal Pradesh Tourism Development Board (HPTDB),
 First Floor, U.S. Club
 Shimla – 171 001, HP, India

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) 8;
- (b) We offer to execute in conformity with the Bidding Documents the following Works:

- (c) The total price of our Bid, excluding any discounts offered in item (d) below is:
- (d) The discounts offered and the methodology for their application are:
- (e) Our Bid shall be valid for a period of days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (g) We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: **

Name of Recipient	Address	Reason	Amount
.....
.....

- (h) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and
- (i) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

- (j) We agree to permit ADB or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the Bank.

Name

In the capacity of

Signed

.....

Duly authorized to sign the Bid for and on behalf of

Date

.....

**** If none has been paid or is to be paid, indicate "none"**

Bill of Quantities

Preamble to Bill of Quantities

1. The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, General and Particular Conditions of Contract, Technical Specifications, and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured and verified by the Engineer and valued at the rates and prices bid in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix within the terms of the Contract.
3. The rates and prices bid in the priced Bill of Quantities shall, except as otherwise provided under the Contract, include all required construction equipment, labor, supervision, materials, erection, maintenance, insurance, profit, taxes, and duties, together with all general risks, liabilities, and obligations set out or implied in the Contract.
4. A rate or price shall be entered against each item in the priced Bill of Quantities. The cost of Items against which the Contractor has failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
5. The whole cost of complying with the provisions of the Contract shall be included in the Items provided in the priced Bill of Quantities, and where no Items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related Items of Work.
6. General directions and descriptions of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. References to the relevant sections of the Contract documentation shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional Sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with the Conditions of Contract. It will be used by the Engineer for nominated sub-contractors, line agencies, third party inspecting agencies, charges levied by statutory electrical, telephone, or other authorities, or for other miscellaneous works. The use of provisional sum will also be for relocation of utilities above or under the ground that conflict with the existing or permanent line or level or the works; Independent sampling and laboratory testing, as directed by the Engineer; Replacement or compensation for plants and trees removed due to the works; Permanent reinstatement of asphalt roads etc. as directed by the Engineer.
8. The method of measurement of completed work for payment shall be in accordance with the relevant codes.
9. Rock is defined as all materials that, in the opinion of the Engineer, require blasting, or the use of metal wedges and sledgehammers, or the use of compressed air drilling for their removal etc.
10. The Bill of Quantities for the Works is to be read for the purpose of pricing, in conjunction with all other sections of the bid document. The prices quoted for various items in the Bill of Quantities shall be the all inclusive values of works described therein, including all costs, taxes, expenses and royalties, lift and lead charges which may be required in and for the execution of Works and remedying of any defects, together with all risks, liabilities and obligations set forth or implied in this bid document. The unit prices quoted shall apply only to the quantities actually executed.
11. Cost of temporary works like, Construction and maintenance of temporary dewatering and drainage arrangements, establishment and maintenance of contractor's office, store, establishment and maintenance of workshops, plant and equipment, maintenance of Engineers site Implementation of EMP including Project sign boards etc will be part of work and shall not be paid extra.
12. The Contractor's price shall be deemed to be inclusive of all costs of supply, delivery, off loading, erection completion installation, testing and commissioning.
13. Arithmetic errors will be corrected by the Employer as follows:
 - a) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of

the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;

- b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected;
- c) if there is a discrepancy between the bid price in the Summary of Bill of Quantities and the bid amount in item (c) of the Letter of Bid, the bid price in the Summary of Bill of Quantities will prevail and the bid amount in item (c) of the Letter of Bid will be corrected; and
- d) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a), (b) and (c) above.

GENERAL ABSTRACT OF COST

Name of Work:- **Creation of Tourist Cultural Centre, Janjehli, District Mandi (HPTDB/15/2)**

Annexure	Sub-Head of Works	Amount (INR)	
		In Figures	In Words
A	Civil Works		
B	Water Supply and Saitary Installation		
C	Electrical Installation		
D	Total (A+B+C)		
E	Provisional Sum	12,00,000.00	Rupees Twelve Lakhs only
F	Grand Total (D+E)		

Project Management Unit (PMU), IDIPT-HP
Himachal Pradesh Tourism Development Board
U S Club, Shimla - 171001, HP, India

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Bill of Quantities**Name of the work: - Creation of Tourist Cultural Centre, Janjehli, District Mandi (HPTDB/15/2)****Annexure - A**

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
A1	Janjehli Tourist Cultural Centre					
1	Cutting in earth work in all kind of soil up to all level and stacking the excavated soil as per the direction and then returning the same and hold in 15 cm. layer when required in foundation and plinth etc. also consolidating each layer by ramming and watering, also disposing off surplus excavated earth in all leads and lift by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/private land or property shall be absolute responsibility of the Contractor (Freight and dumping charges will not be paid separately).	Cum	2,274.91			
2	Excavation in foundation trenches etc. In all kind of earth work earth work up to all lift i/c bailing out water through pump (if required) and stacking the excavated soil not more than 3.00 meter clear from edge of the excavation as directed by the Engineer in Charge, then returning the stacked soil in 15cm layers when required into the plinth sides of foundation etc., including all kind of soil, consolidating each deposited layer by ramming and watering, also disposing off surplus excavated earth in all leads and lifts by manual/mechanical means to the dumping site arranged by the contractor at his own level. Any loss/damage to the public/private land or property shall be absolute responsibility of the Contractor.	Cum	5,496.12			
3	Excavation in all kind of earth work and filling in 15 cm. layers in foundation and plinths including ramming, watering and consolidating up to all lead & lift including carriage of materials up to all lead and lift and as per direction of Engineer in charge.	Cum	637.40			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
4	Filling in plinth with sand under floors including watering, ramming, consolidating and dressing complete including carriage of material in all lead & lift as per direction of Engineer-in-charge.	Cum	119.30			
5	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30 x 30 x 5 mm so as to give a fair finish including centering, shuttering, strutting and propping etc. with wooden battens and ballies, height of propping and centering below supporting floor to ceiling in all height and removal of the same for in situ-reinforced concrete & plain concrete work as per the pattern specified including pointing, rendering and including cost, carriage of material up to all lead & lift and as per direction of Engineer in charge					
a	Foundations, footings, bases of columns and mass concrete.	Sqm	1,705.72			
b	Flat Surfaces such as soffit of suspended floor, roofs landings and the like floor etc. up to 200 mm in thickness.	Sqm	3,101.39			
c	Vertical Surfaces such as walls (any thickness) partitions and the like including attached pilasters buttress plinth and string courses and the like.	Sqm	1,070.34			
d	Columns / pillars, posts and struts square, rectangular or polygonal in plan	Sqm	1,480.79			
e	Beams, cantilevers, girders / lintels sides and soffits of beams beam houchings cantilevers, bressumers and lintels not exceeding 1.00 m in depth in all height in floor.	Sqm	6,296.69			
f	Edges of slab and breaks in floor etc. under 20 cm wide.	Rmt	1,121.45			
g	Stair cases with sloping or stepped soffits excluding landing.	Sqm	307.45			
6	Providing and laying cement concrete 1:4:8 (1 cement:4 sand:8 graded stone aggregate 40mm nominal size) in foundation and plinth and curing complete, excluding cost of form work and	Cum	788.65			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	including carriage of material in all lead & lift and as per the direction of Engineer-in-charge.					
7	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing, including carriage of material in all lead & lift and as per direction of Engineer-In-charge.	Cum	51.26			
8	Providing and laying cement concrete 1:2:4 (1 cement:2 Sand:4 graded stone aggregate 20mmnominal size) and curing complete excluding cost of form work and including carriage of material in all lead & lift and heights and as per the direction of Engineer-in-charge.					
a	Foundations, footings bases of columns and the like and mass concrete.	Cum	53.37			
b	Walls including attached buttresses, pilasters and their caps and basis and string courses etc. up to floor two levels and above.	Cum	119.29			
9	Providing and laying CC flooring 1:2:4 (1cement:2 sand:4 stone aggregate) 20mm nominal size)laid in one layer finished with a floating coat of neat cement including carriage of material in all lead and lifts. 40mm thick	sqm	106.80			
10	Providing and fixing glass strips in joints of cement flooring having 40mm wide and 4 mm thick i/c carriage of materials.	Rmt	239.75			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
11	Providing and laying damp proof course 38mm thick with cement concrete 1:2:4 (1 cement:2 sand:4 stone aggregate 12.5mm nominal size) and curing complete including carriage of material upto all lead and lift and as per direction of Engineer in charge	Sqm	20.00			
12	P/L cement concrete work 1:1.5:3(1 cement : 1.5sand : 3 graded stone aggregate 20mm nominal size) including mechanically mixing and vibrating (M-20 Grade) excluding the cost of form work but including carriage of material in all lead and lift and level.					
a	Foundations, footings bases of columns and the like and mass concrete.	Cum	7.66			
b	Lintels, beams girders bressumers and cantilevers.	Cum	132.35			
c	Suspended Floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilever.	Cum	8.77			
d	Walls including attached buttersses, pilasters and their caps and bases and string courses etc.	Cum	43.63			
13	Providing and laying reinforced cement concrete in sub structure complete as per approved drawings and technical specifications and as per clause 802, 803, 1202 and 1203 RCC grade M-25,complete, excluding cost of form work but including carriage of material in all lead & lift and level and as per the direction of Engineer-in-charge.	Cum	260.83			
14	Providing and laying reinforced cement concrete mechanically mixed and vibrated course M30 grade including centring, shuttering etc complete as per approved drawing & technical specifications and clause 800, 1206.3 complete, excluding cost of form work but including carriage of materials in all lead & lift, height/level and as per the direction of Engineer-in-charge. Walls including attached buttersses, pilasters and their caps and bases and string courses etc	Cum	5.85			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
15	Providing and laying reinforced cement concrete mechanically mixed and vibrated course M30 grade in superstructure including centering, shuttering etc complete as per drawing and technical specifications clause 800, 1205, 1205.5, excluding cost of form work but including carriage of material in all lead and lift as per the direction of Engineer-in-charge in suspended Floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilever up to all levels.	Cum	64.80			
16	Providing 6mm thick pre-moulded bituminous pads on abutment cap and dirt walls including carriage of material upto all lead, lifts and height and as per direction of Engineer in charge.	Sqm	19.50			
17	Providing and laying RCC M-25 mix design and curing complete excluding cost of form work and reinforcement for reinforcement concrete work and curing complete excluding cost of form work and reinforcement, including carriage of material in all lead, lift, level & height and as per direction of Engineer In charge.					
a	Foundations, footings bases of columns and the like and mass concrete.	Cum	408.38			
b	Column, pillars, posts and struts up to all levels.	Cum	168.82			
c	Suspended Floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilever.	Cum	785.42			
d	Walls including attached buttersses, pilasters and their caps and bases and string courses etc.	Cum	88.76			
e	Stair cases (except spiral stair cases) excluding landing but including preparing of the surface and finishing of nosing.	Cum	26.80			

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Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
18	Providing Mild Steel/Tor steel reinforcement for RCC work including bending, binding and placing in position complete up to floor two level and above including cost of binding wire and carriage of material in all lead and lift and level complete as per the direction of Engineer-in-charge. Tata, Jindal or equivalent make.	Kg	1,96,359.01			
19	Brick work (2 nd class) using common burnt clay building bricks in foundation and plinth in Cement Mortar 1:6 (1 cement: 6 sand), curing complete, including carriage of material in all lead & lift and as per the direction of Engineer-in-charge.	Cum	65.85			
20	Brick work(2 nd class) using common burnt clay building bricks including carriage & all lead & lift and above in Super-structure above plinth level upto floor two level, Cement Mortar 1:6 (1 cement: 6 sand), curing complete, and as per the direction of Engineer-in-charge.	Cum	714.41			
21	Half brick masonry(2 nd class) in foundation and plinth common burnt clay building bricks in 1:4 (1 cement: 4 sand) using second class bricks in, curing complete, including carriage of material in all lead and lift as per the direction of Engineer-in-charge.	sqm	5.00			
22	Half brick masonry (2 nd class) using common burnt clay building bricks in cm 1:4 (1 cement: 4 sand) in super structure including carriage of material upto all lead, lift and level and as per direction of Engineer in charge.	Sqm	1,944.42			
23	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stones of approved quality in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement :6 sand : 12 graded stone aggregate 20mm nominal size) at plinth level in cement Mortar 1:6 (1 cement: 6 sand) including all leads and lifts.	Cum	4,617.87			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
24	Square Rubble masonry coursed with hard stone of approved quality in foundation and plinth including racking out joint, in cement mortar 1:6 (1 Cement : 6 Sand) including raking out joints, curing complete including carriage of material in all lead and lift and as per the direction of Engineer-in-charge.	Cum	51.10			
25	Square rubble masonry coursed with hard stone of approved quality in foundation and plinth in Retaining walls/Breast walls including raking out joints, in Cement Mortar 1:6 (1 Cement: 6Sand), including raking out joints, curing complete including carriage of material in all lead and lift as per the direction of Engineer-in-charge.	Cum	340.83			
26	Dressing of stone (for face work) - Fine chisel dressing (3 line dressing) all complete as per specification and direction of Engineer-In-Charge.	Sqm	1,368.50			
27	Providing and fixing 100mm thick Local Stone pavers /cobble of 100x100mm or 200x100mm or as per approved sample in required pattern as per drawing & design and specifications, including carriage of material up to all lead and lift and as per direction of Engineer In charge.	Sqm	1,946.86			
28	Random rubble dry stone Kharanja (soling) under floor including of stones and carriage of material up to all lead & lift and as per direction of Engineer In charge.	Cum	282.34			
29	Stone filling behind retaining wall, including cost of material, carriage up to all lead and lift and as per direction of Engineer In charge.	Cum	927.38			
30	Stone work plain in coping plinth cornices, string courses and plinth courses in cement mortar 1:6 (1 cement: 6 sand) and pointing with cement mortar 1:2 (1 cement: 2 sand), including cost of material and carriage up to all lead, lift and level as per direction of Engineer In charge.	Cum	5.40			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
31	Stone work for wall lining etc.(Veneer work) 70mm thick, in cement mortar 1:3 (1 cement: 3 sand) including pointing in white cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment including supply of material, carriage of material up to all lead & lift and as per direction of Engineer in charge.	Sqm	965.42			
32	Providing and fixing Uni stone cladding 12mm thick as on face of arch masonry walls etc as per approved sample, colour/shade on 12mm thick cement plaster 1:3 (1 cement: 3 sand) jointed with cement slurry including scaffolding etc. complete including supply and carriage of materials up to all lead, lift and height and as per direction of Engineer in charge.	Sqm	220.38			
33	Providing & Fixing of Acoustic Wooden Wall Panelling using 1.0mm thick GI grid of 100X65mm @1200mm X600mm C/C (Max) and finished with 25mm wood wool covered with fine jute cloth and fixed with adhesive. Cavity of wall and panel will be filled by glass wool joint of front panels sealed with T section steal Matt finished shera wood strip, including carriage of material up to all lead, lift and height/level and as per direction of Engineer in charge.	Sqm	192.22			
34	Providing & Fixing of Acoustic Perforated Wall panelling starting from ground level of Seminar hall till 1200mm Ht. using 1.0mm thick GI grid of 150X65mm @1200mm X600mm C/C (Max) and finished with Shera wood strips fixed with screw in Horizontal pattern, Shera wood will be complete polish finished as per drawings, design and specifications including carriage of material up to all lead, lift & height and as per direction of Engineer in charge.	Sqm	66.72			
35	Providing Second Class Deodar wood frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position including carriage of material upto all lead and lift and as per direction of Engineer in charge.	Cum	17.71			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
36	Providing and fixing 40mm thick panelled glazed or panelled & glazed shutter (5.5 mm thick standard quality glass will be used) for door windows and clerestory window including black enamelled Brass butt hinges with necessary screws etc. complete, including carriage of material upto all leads and lifts and as per direction of Engineer in charge. 2nd class deodar wood	Sqm	529.43			
37	Providing and fixing cut to size 5.50 mm thick glass fixed with First class Deodar wooden bedding including the cost of wooden beadings ,glass and necessary cutting finishing for fixed window / clearstory etc as per drawing and as directed by Engineer-in-charge.	sqm	131.05			
38	Providing and fixing 40mm thick wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85g. With wire of dia 0.56mm for doors, windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws. 2nd class deodar wood	Sqm	660.49			
39	Extra for providing and fixing galvanised M.S. wire gauge of I.S. gauge designation no. 140 g to doors, window and clerestory windows with I.S. gauge designation no. 85 G with wire of dia 0.56 mm including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	Sqm	660.49			
40	Providing and fixing flush door shutter interior grade commercial type , core of black- board construction with frame of first class hard wood and pre laminated board commercial veneering with vertical grains of cross bands and face veneer on both faces of shutter as per approved sample including carriage of material in all lead & lifts					
a	40mm thick including black enamelled M.S. Butt hinges	Sqm	9.45			
b	35mm thick including black enamelled M.S. Butt hinges	Sqm	25.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
41	Providing and fixing angle iron door, window, clerestory window frame manufactured from steel iron section of 40X40X6 mm, thickness including hinges jamb, lock jamb, beed and if required angle threshold of mild steel angle 50 X25mm welded or rigidly fixed by mechanical means, lugs with split end tail to each jamb including steel butt hinges 2.5 mm thick with provision for locking arrangement and shock absorber as specified and applying a coat of approved steel primer after pre-treatment of the surface, including carriage of material upto all leads and lifts and as per direction of Engineer in charge.	Rmt.	26.00			
42	Providing & Fixing 30mm thick fibreglass reinforced plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF) / Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856 : 2000, including carriage of material upto all lead & lift and as per direction of Engineer in charge.	Sqm	37.80			
43	Providing and fixing of Fibre Glass Reinforced plastic (FRP) Door Frames of three legged of cross-section 90mm x 45mm having single rebate of 32mm x 15mm to receive shutter of 30mm thickness .The laminate doorframe moulded with fire resistant grade unsaturated polyester resin and chopped mat .Doorframe laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fibreglass from all sides. MS stat shall be provided at the bottom to sturdy the frame including carriage of material upto all leads and lift and as per direction of Engineer in charge.	Rmt	110.40			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
44	Providing and fixing bright finished brass Sliding door-bolts with nuts and screws etc. complete of approved quality & design as per the direction of Engineer-in-charge including carriage of material in all lead and lift.					
a	300x15 mm	Each	28.00			
b	200x15 mm	Each	71.00			
45	Providing and fixing bright finished brass 200x80x150mm size GODREJ classic Cylindrical lock Cat No 5328 or equivalent, i/c handles with necessary screws etc. complete (Indian make of approved design), including carriage of material upto all lead & lift and as per direction of Engineer in charge.	Each	32.00			
46	Providing and fixing 100mm bright finished brass floor Door Stopper with rubber cushion screws etc of approved make& design to suit shutter thickness complete including carriage of material in all lead & lift as per the direction of Engineer-in-charge.	Each	132.00			
47	Providing and fixing Bright finished Brass Handles of approved make& design with screws etc. to match with existing fittings, complete including carriage of material in all lead and lift as per the direction of Engineer-in-charge. (Make Flora or equivalent or as approved)					
a	150mm	Each	182.00			
b	125mm	Each	299.00			
c	100mm	Each	174.00			
48	Providing fixing bright finished brass tower bolts (barrel type) with screws etc. complete of approved quality including carriage of material upto all lead and lift complete as per the direction of Engineer-in-charge.					

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
a	250x10 mm	Each	72.00			
b	200x10 mm	Each	101.00			
c	150x10 mm	Each	224.00			
d	100x10 mm	Each	58.00			
49	Providing and fixing M.S. Round holding down or anchor bolts with nuts and washer plates complete, including carriage of material upto all leads and lifts and as per direction of Engineer in charge.	Qtl.	0.38			
50	Providing and fixing bright finished brass hard drawn hooks and eyes, including carriage of material upto all leads and lifts and as per direction of Engineer incharge.150mm	Each	178.00			
51	Providing and fixing Godrej C071 Aluminium Alloy Door Closer or equivalent containing 1-Piece Door Closer Body, 1-Piece Arm, 1-Piece Screw Packet, 1-Piece Instruction Manual, able to mount in left/right, inside/outside door, complete as per the directions of Engineer in charge including making good the floors and carriage of materials.	Each	110.00			
52	Providing and fixing bison board in ceiling ISI mark of approved quality with butt jointed and nails bison board 8mm thick, including carriage of material upto all lead & lift and as per direction of Engineer in charge.	Sqm	423.45			
53	Providing and fixing ornamental cornices 75mmX 75mm section with wood screws in lining etc. complete and as per the direction of the Engineer-In-charge including all leads and lifts.	Rmt	1,282.60			
54	Providing and fixing plain square edged cover fillets (beading) 50mmx12mm section, with wood screws in ceiling and lining including mitring at junction including carriage of material upto all lead & lift and as per direction of Engineer in charge. 1st class deodar wood.	Rmt.	1,359.62			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
55	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions including carriage of material upto all lead & lift and as per direction of Engineer in charge. 1st class deodar wood.	Rmt.	417.68			
56	Providing and fixing plain lining in column cladding, skirting, dado, risers and treads of steps etc with tongued and grooved jointing and screws, (frame work and cover fillets to be measured and paid for separately), including carriage of material upto all lead & lift and as per direction of Engineer in charge. 20 mm thick 2nd class deodar wood	Sqm	279.85			
57	Providing weather board 100mmx 25mm thick including fixing in position as per existing pattern and drawings in position and as including carriage of material upto all leads and lifts and as per direction of Engineer in charge. 1st class deodar wood	sqm	577.24			
58	Providing eaves board 200mmx25mm thick including fixing and making moulded corners as per existing pattern and drawings in position and as including carriage of material upto all lead & lift as per direction of Engineer in charge. 2nd class deodar wood.	Rmt.	653.73			
59	Providing and fixing 75X60mm rounded moulded Hand rails in straight length complete including carriage of material in all lead & lift and as per the direction of Engineer-in-charge. 2nd class deodar wood.	Rmt	467.84			
60	Providing and fixing balusters 50mmx50mm square wrought fixed with ends housed (square or splay) to hand rails and treads or strings complete as per drawing and design and specification complete including carriage of material in all lead and lift as per the direction of Engineer-in-charge. 2nd class deodar wood.	Rmt	1,052.64			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
61	Providing wood work in frames of false ceiling partitions etc. Sawn and put-up in position including carriage of material in all lead and lift and as per the direction of Engineer-in-charge. 2nd class Kail wood	Cum	90.92			
62	Providing and fixing 20mm thick wooden plank ceiling with planks over lapping each other and jointed with wood screws (frame work and cover fillets to be measured and paid for separately), including carriage of material in all lead and lift as per the direction of Engineer-in-charge. 1 st class Rai wood	Sqm	2,406.59			
63	Providing and fixing 40mm thick wooden plank ceiling with planks below slates over lapping each other and jointed with wood screws (frame work and cover fillets to be measured and paid for separately), including carriage of material in all lead and lift as per the direction of Engineer-in-charge. 2nd class Deodar wood	Sqm	2,307.03			
64	Providing and fixing 25 mm wooden planking tongued and grooved, in flooring fixing to wooden base frame with iron screws complete (base wooden frame to be paid separately) including carriage of material in all lead and lift as per the direction of Engineer-in-charge. 2nd class deodar wood.	Sqm	7.28			
65	Providing and fixing 20mm thick plain lining with tongued and grooved jointing and screws(frame work and cover fillets to be measured and paid for separately) including carriage of material in all lead and lift as per the direction of Engineer-in-charge. 2nd class Rai wood	Sqm	1,046.63			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
66	Providing and fixing of 8mm thick (Armstrong AMBIENCE PLUS / Pergo, equivalent) Laminated wooden flooring, classification of use 31/23 with a surface abrasion resistance of class AC4 (4500 cycles) and impact resistance of less than 9 mm. with a 0.2 mm thick wear layer on top of a High Density Fiber substrate core (density ~ 940 Kgs/M3) of plank size 1285 mm X 186 mm having Bruce™ locking arrangement with an underlayment made of 3 mm thick natural colour foam of 30 Kgs/M3 density and 25 micron LDP film thermo fused to the main underlayment to form a single unit, with accessories like End profile, Transition profile, reducer, Stair nosing etc. complete. Installation to be carried out strictly as per Installation Guide of Armstrong using Armstrong PVC/ Aluminium profiles. And direction of the Engineer-In-Charge. The MDF Moulded Skirting to be 80/90mm, including carriage of material in all lead and lift as per the direction of Engineer-in-charge.	Sqm	2,270.60			
67	Providing and fixing anodised aluminium work for door, window, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with raw plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically where ever required including cleat angle, aluminium, snap beading for glazing/panelling, C.P. brass/stainless steel screws, all complete including carriage of material in all lead & lift as per the direction of Engineer-In-charge.					
a	For Fixed Portion- Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	180.29			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
b	For shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required	kg	71.02			
68	Providing and fixing glazing 5.5mm thick, in aluminium door, window, ventilator shutters and partitions etc. with PVC/neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in charge. (Cost of aluminium snap beading shall be paid in basic item) including carriage of material upto all lead & lift and as per direction of Engineer In charge.	Sqm	9.58			
69	Providing and fixing in position collapsible steel shutters with vertical channels 20 mm X10 mmX2mm and braced with flat iron diagonals 20 mm X5 mm size with top and bottom rails of T-iron 40 mm X40 mm X6 mm with 38 mm dia steel pulley complete with bolts and nuts locking arrangements, stoppers, handles, including applying a priming coat of red lead paint including carriage of material upto all lead & lift and as per direction of Engineer in charge.	Sqm	6.72			
70	Providing and fixing anodized aluminium sliding door bolts anodized colour or shade with bolts and nuts screws etc(heavy duty) complete including carriage of material in all lead and lifts and as per direction of Engineer In charge.					
a	250x16mm	Each	22.00			
b	300mmx16mm	Each	5.00			
71	Providing and fixing aluminium tower bolts (barrel type) anodized transparent or dyed to required shade and colour with screws (heavy duty) including carriage of material in all lead and lifts and as per direction of Engineer In charge.					
a	200x10mm	each	54.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
b	150X10mm	each	56.00			
72	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc (heavy duty) complete, including carriage of material in all lead and lifts and as per direction of Engineer In charge.					
a	ii) 125mm	Each	54.00			
b	ii) 100mm	Each	28.00			
73	Providing and laying Local stone slab flooring as per approved colour, shade & size not less than 300 x 300 mm, laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab and as per the direction of the Engineer-In-Charge including carriage of material in all lead & lift and as per direction of Engineer In charge. 25mm thick	sqm	238.96			
74	Providing and fixing 10mm thick anti skid water proof stain and impact resistant heavy duty vitrified tiles Nitco/kajaria or equivalent 600mm x 600mm x 10mm manufactured of approved shade, colour and pattern in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1 cement: 3 sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete and carriage of material in all lead, lift and level.	Sqm	194.83			
75	Providing and laying Duro stone vitrified tiles (300 x 300mm x 8mm) in grey/coloured or of approved shade and pattern in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement: 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete.	Sqm	698.20			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
76	Providing and laying Vitrified tiles (300x600mmx10mm) in coloured of required shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3 (1cement : 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of material upto all lead, lift & level and as per direction of Engineer In charge. (NITCO or equivalent make)	Sqm	1,809.92			
77	Providing and laying vitrified tiles (1200x200x10mm in wooden /coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement: 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of material upto all lead, lift & height as per direction of Engineer in charge. (NITCO or equivalent make)	sqm	38.07			
78	Providing and laying granite stone of approved colour & shade in approved pattern in flooring 20mm (average) thickness base of cement mortar 1:3 (1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c carriage materials in all lead, lift and height/level as per the direction of the Engineer-In-Charge. 20mm thick	Sqm	34.08			
79	Providing and laying flammed granite stone (light grey / Ruby Red) in flooring 20mm (average) thickness base of cement mortar 1:3 (1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete including carriage of material upto all leads and lifts and as per direction of Engineer in charge. 20mm thick	Sqm	712.69			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
80	Providing and laying granite stone 20mm (average) thickness of approved quality, colour and pattern in risers of steps, skirting, dado and pillars laid on 12mm (average) thick base of cement mortar 1:3 (1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c carriage of materials in all lead, lift and direction of Engineer in charge	Sqm	458.80			
81	Providing and fixing Slate roofing with 7.5 cm overlap, Double layer fixed on wooden battens (wood work be paid for separately) with slates 40x20 cm. Size, including carriage of materials up to all lead ,lift and as per direction of Engineer In charge.	Sqm	2,611.74			
82	Providing and fixing of Lead sheet (Thickness 2mm and density 2.30 kg/sqft.) on dormer joints, and chimney joints as per drawing & design including carriage of materials up to all lead, lift & height and as per direction of Engineer In charge.	Sqm	73.34			
83	Providing and fixing 0.60mm thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with pre-painted steel drill screws and washers etc. complete with all accessories as required as per the direction of Engineer-in-charge and carriage of materials in all lead & lift (Tata/Century or equivalent)	Sqm	165.58			
84	Providing and fixing ridges or hips 60 cm overall with 0.60mm thick pre-painted steel sheets in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with pre-painted steel screws and washers complete with all accessories as required, including carriage of	Rmt.	532.82			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	material up to all lead, lift and as per direction of Engineer In charge.					
85	Providing and fixing valley 60cm overall, 0.60mm thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester organic outing of 20 microns over 5 microns primer coating back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with pre-painted steel screws and washers complete with all accessories as required, including carriage of material up to all lead and lift and as per direction of Engineer in charge.	Rmt.	91.66			
86	Providing, fixing MS BP Sheet 1.66-2.00 mm thick in eaves board/ fascia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as directed, including carriage of material up to all lead and lift and as per direction of Engineer In charge.	sqm	65.88			
87	Providing and laying of brick bat filling of nominal size in sunken portion of bath/kitchen etc. in position to fill the portion, including carriage of material up to all lead & lift and as per direction of Engineer In charge.	Cum	103.70			
88	Providing and laying double layer water proofing treatment with layers of Bitumen felt type 3 grade 1 (hessian base self finished bitumen felt) sheet over wooden planks ceiling under slate roofing upto all levels, including carriage of material up to all lead & lift and as per direction of Engineer In charge.	Sqm	2,148.24			
89	Providing and laying four courses water proofing treatment with bitumen felt over roofs consisting of first and third courses of blow or / and residual bitumen applied hot at 1.45 kg per Sqm of area for each course second course of roofing felt type 3 grade 1 (hessian base self finished bitumen felt) and fourth and final course of stone grit 6 mm and down size or pea sized gravel spread at 6 cu.dm or 0.006 cu.m) per sqm including preparation	Sqm	711.61			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	of surface excluding grading complete & including carriage of material up to all lead & lift and as per direction of Engineer In charge. (For depression portion of toilets)					
90	Designing, providing and laying proprietary chemical water proofing system consisting of polymer modified acrylic coating as approved and as recommended by the approved manufacturer . The work shall include Cleaning, Wire brushing & washing the entire surface area to remove old loose concrete / mortar, set slurry, nails, bitumen, oils & grease so as to make the surface totally dust free to receive the treatment, grouting porous surfaces including making 'V' grooves at junctions, cracks etc. Filling of cracks with Pressure grouting at construction joints or honeycombs with approved non shrink Cementious grout by mixing – 1 pouches (225 gms.) (Cebex 100 Fosroc) of shrinkage compensating admixture / as approved and 50 kgs of cement and sufficient water for flow ability, Grouting the same under pressure in pre-drilled holes by grouting pump after fixing PVC Nozzles at approved spacing etc. complete. Preparing a side vata/gola of 50X50 mm at the junction using polymer modified mortar. Providing and applying 3 coats of polymeric waterproofing coating mixed with cement. Applying three coats of highly flexible polymeric coating after proper surface preparations as specified by the manufacturer. Mixing by mechanical stirrer. Applying three coats at a minimum interval of 12-24 hrs between each coat with approved termination details. Further including horizontal surface protected with 20mm screeding in 1:4 mortar (1 cement: 4 sand) in proper gradient and vertical surface (wall) plastered with cement, sand mortar in ratio 1:4 (1 cement: 4 sand), finished in ready to receive Architectural finish, in correct line, level and plumb, curing, grouting, testing, etc. all complete to entire satisfaction of the Engineer in charge. work shall be tested by ponding water about 200mm for 72 hours, (Makes of water proofing treatment	Sqm	107.92			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	materials -BASF, Sika, Cico-Tapecrete, Fosroc, Pidilite or equivalent), Job shall include carriage of material up to all lead & lift and as per direction of Engineer in charge					
91	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint, including carriage of material up to all lead and lift and as per direction of Engineer in charge. (make- Tata, Jindal or equivalent)					
a	In trusses and trussed purling	Qtl	552.61			
b	In gratings framed guard bars, ladders, railing, brackets and similar works.	Qtl	136.08			
92	Supplying and fixing woven plains G.I. wire fencing of mesh 150x150mm mesh of 5mm thick wire to any type of standard rails, straining bolts etc, including provision of binding wire, staples etc, including carriage of material in all lead & lift and as per direction of Engineer In charge. .	Sqm	725.70			
93	Providing and applying two or more coats of Birla white wall care putty or equivalent over plastered surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and the foreign matters, sand papered smooth to give final matter finish to the surface complete, including supply of all materials and carriage of materials up to all lead & lift and as per direction of Engineer In charge.	Sqm	4,837.22			
94	Distempering two coats with oil bound washable distemper of approved brand / manufacture and of required shade on undecorated wall surface to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after throughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth priming coat with distemper primer including carriage of material in all lead & lift and as per direction of Engineer in charge.	Sqm	1,335.40			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
95	Providing and applying Lustre paint to walls of approved colour & shade of Asian Paints or equivalent, cleaning the surface and make it free from dust by scrapping, cleaning etc., including application of primer coat over the same; application of minimum two or more coats of lustre paint upto the desired finish of the EIC and protecting till the handing over of site including required scaffolding, cleaning, filling up cracks with approved crack filler etc., including carriage of material upto all lead & lifts and as per direction of Engineer in charge.	Sqm	3,150.20			
96	Painting two coats of first quality paint (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stoping, including carriage of material upto all lead & lift and as per direction of Engineer in charge. With enamel paint other than white	Sqm	262.01			
97	Providing Spirit polish two or more coats or as per sample approved on new wood and old wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler, etc. complete and carriage of materials up to all lead & lift and as per direction of Engineer In charge.	Sqm	2,527.64			
98	Finishing wall with weather proof exterior grade emulsion of approved design (Apex ultima or equivalent) on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of material upto all lead & lift and as per direction of Engineer In charge.	Sqm	642.98			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
99	Applying priming coat of approved brand and shade over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter) sand papering and knotting including carriage of material upto all lead & lift and as per direction of Engineer In charge. Ready mixed paint brushing wood primer pink	Sqm	60.00			
100	Painting two coats of 1 st quality paint (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stoping including carriage of material upto all leads, lift and as per direction of Engineer In charge. With enamel paint other than white	Sqm	40.00			
101	Polishing two or more coats with melamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of material upto all lead, lift and as per direction of Engineer In-charge.	Sqm	100.00			
102	Painting two coats of 1 st quality paint (excluding priming coat) on new steel and other metal surfaces under coat with ready mixed paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter with white ready mixed paint. including carriage of material in all lead & lifts	Sqm	216.72			
103	6mm thick Cement plaster to ceiling including sides and bottom of beams, soffits of stairs, ramps etc. with cement mortar 1:3 (1cement : 3 fine Sand) including curing and carriage of all kinds of materials and scaffoldings etc. complete including carriage of material upto all lead & lifts and as per direction of Engineer- In-charge.	Sqm	573.89			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
104	Providing and Laying 15mm cement plaster with cement mortar 1:6 (1cement : 6 fine Sand) in single coat on fair / rough side of brick/concrete/stone walls up to floor two level and above including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth etc. complete including other necessary arrangements and carriage of materials up to all lead , lift and as per direction of Engineer In charge	Sqm	3,728.37			
105	Providing in RCC work smooth finishing of the exposed surface with cement mortar 1:3 (1 cement :3 sand) up to floor two level and above including carriage of material upto all lead ,lift and as per direction of Engineer In-charge.	Sqm	101.96			
106	Providing and Laying 20mm cement plaster with cement mortar 1:6 (1cement : 6 fine Sand) in single coat on fair / rough side of brick/concrete/stone walls up to floor two level and above including arises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth etc. complete including other necessary arrangements and carriage of materials up to all lead, lift and as per direction of Engineer In charge	Sqm	3,325.98			
107	Providing under layer for plinth protection of 75 mm thick (unconsolidated) bed dry brick/stone aggregate 40mm nominal size well rammed and consolidated and grouted with fine sand including preparation of ground, including carriage of materials up to all lead, lift and as per direction of Engineer In charge	Sqm	306.39			
108	Providing plinth protection 50mm thick in cement concrete 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size) including carriage of material in all lead and lift and as per direction of Engineer In charge	Sqm	306.39			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
109	Demolition of stone masonry below G.L. up to 1.5 Meters depth including stacking of serviceable materials and disposal of unserviceable materials in all leads and lifts by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor. (Freight and dumping charges will not be paid separately) Rubble masonry in cement mortar	Cum	9.60			
110	Demolition of stone masonry above G.L. up to all floor level and above including stacking of serviceable materials and disposal of unserviceable materials in all leads and lifts by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor. (Freight and dumping charges will not be paid separately) Rubble masonry in cement mortar	Cum	28.80			
111	Dismantling tiled floors laid in mortar up to all floor level and above including stacking of serviceable materials and disposal of unserviceable materials in all leads and lifts by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor. (Freight and dumping charges will not be paid separately). For thickness of tiles up to 25mm	Sqm	249.86			
112	Dismantling roofing including ridges, hips, valleys, gutters etc. including stacking of serviceable materials and disposal of unserviceable materials in all leads and lifts by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor. (Freight and dumping charges will not be paid separately).	Sqm	300.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
113	Demolition below GL up to 1.50 meters depth and disposal of unserviceable materials in all leads and lifts by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor. (Freight and dumping charges will not be paid separately). Un-reinforced cement concrete up to 15 cms thickness.	Cum	48.34			
114	Scraping, removing, cleaning previously painted wood work surfaces with paint remover of approved brand as directed, without damaging the wood work, ornamentation and moulding (No sharp tools or blow torch to be used), caustic soda, sand paper to have even and smooth surface for application of polishing the surface at all levels and for all heights, including supply of all materials and carriage of materials up to all lead , lift and as per direction of Engineer In charge.	Sqm	804.88			
115	Extra over item no.116 for removing dry or oil bound distempering on ceiling and or sloping roofs etc.	Sqm	239.91			
116	Dismantling of following Water Supply & Sanitary works, including stacking of pipes in all lead and lift and as per the direction of the Engineer-In-charge (No extra freight and dumping charges will not be payable to the contractor)					
a	GI Pipe 15mm	Rmt	87.00			
b	Water Closet	Each	7.00			
c	Wall Mixer	Each	6.00			
d	Wash Basin	Each	6.00			
e	Stop Cock/Angle Valve	Each	38.00			
f	Bib Tap	Each	13.00			
g	Floor trap	Each	17.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
h	Kitchen Sink	Each	2.00			
i	Gyser	Each	7.00			
j	PVC Pipe 75 mm	Rmt	103.50			
k	PVC Pipe 110 mm	Rmt	103.50			
117	Providing and fixing Twin bed SWISS TENT set with man area 3.05 x 3.05 m, front verandeh 3.05 x 1.5 m and back toilet 3.05 x 1.55 m as per drawing including carriage of materials up to all lead and lift and as per direction of Engineer in charge (Small size)	Each	5.00			
118	Providing and fixing Cast Iron (C.I.) super delux Bench having length of 5 feet and framework of 65x25mm section with standard size seat and back, stand/legs made of decorative cast iron material for mounting base on approved drawing & design weight - 85 Kg, painted suitably with wooden/brown/ yellow colour complete as per the direction of engineer in charge, including carriage of material through mechanical and manual means in all lead and lift.	Each	30.00			
119	Supplying and fixing of readymade approved quality of concrete rest benches of NTC make or equivalent, 1500 L x 650 W x 1000 H (mm) including levelling the ground below the concrete bed of mix 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate of 20 mm nominal size) wherever required, complete as per directed by Engineer In charge including carriage of material in all lead & lift.	Each	1.00			
120	Providing and fixing dustbin as per drawing no. 95 R1 made of 4 layer of mat and chemical consisting of unsaturated polymer resin, methyls, jelton, cobalted etc. The body of dustbin is made in one piece of mould and two number doors with locking arrangement with G.I. bins inside complete as per drawing, design and specification etc. and direction of the Engineer-In charge, i/c carriage of materials in all lead & lift.	Each	21.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
121	Grassing with selection Grade-1 Grass including watering and maintenance of the Lawn for 60 days or more till the grass from a thick lawn free from weeds and fit for moving including supplying good earth if needed (the good earth shall be paid for separately) including carriage and in all lead & lift of materials as directed by Engineer In charge.	sqm	3,736.00			
122	Supplying and stacking of good earth at site and Spreading good earth in required thickness including carriage & all leads and lifts of materials and as per directed by engineer in charge.	Cum	1,120.80			
123	Supplying and stacking at site dump manure from approved sources and also Spreading sludge dump manure in required thickness (duly screened through specified sieve), including carriage in all lead & lift of materials and as directed by Engineer In charge.	Cum	693.00			
124	Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep in all kind of soil and refilling the excavated earth mixed with farmyard manure, supplied at the rate of 4.65 cum per 100 metres and supplying and planting hedge plants at 30 cm apart, including carriage in all lead & lift of materials and as directed by engineer in charge.	Rmt	293.00			
125	Supply & Plantation of selected specimen plants including mortality replacement, loading, unloading, transportation and maintenance for 30 days after planting the plants, including carriage in all lead & lift of materials and as directed by Engineer –In- charge.					
a	Christmas Tree 600mm	each	30.00			
b	Platicladus Orientals 300mm	each	30.00			
c	Gul Phanes 600mm	each	30.00			
d	Golden Bottle Brush 300mm	each	30.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
e	Hairy Crush	each	30.00			
f	Brush Calendra 600mm	each	30.00			
g	Caryota Palm 10'-12'	each	30.00			
h	Cycus revolata 3'-4" Dia	each	30.00			
i	Fern 12"	each	30.00			
j	AZALIA 300 MM	each	30.00			
k	CAMALIA 300MM	each	30.00			
l	Rhododendron 300mm	each	30.00			
m	Hydrangia 300mm	each	30.00			
n	Rananuculus 300mm	each	30.00			
o	Jasmine creeper 300mm	each	30.00			
p	Pentas 300mm	each	30.00			
q	JUNIPEROUS Chinensis 1000mm	each	30.00			
r	Bignonia Vesusta Creeper 300mm	each	30.00			
s	Clerodendron Spendense 300mm	each	30.00			
t	Euphorbia milli 300mm	each	30.00			
u	Tabermontana Coronaria Variegated 600mm	each	30.00			
v	Hammelia Patens 600mm	each	30.00			
w	Bauganvillea Creeper 300mm	each	30.00			
x	Seasonal Flower Bed	Sqm	100.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
126	Supply and planting following species best quality container grown healthy trees of 3 mt. min. height, well established & free from disease at site in 1.20 m dia holes, 1.20 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, backfilling the hole watering etc as required including carriage in all lead & lift of materials and as directed by Engineer In charge.					
a	Devdar(Cedrus deodara)	each	10.00			
b	Chinar (Plapanus Orientalis)	each	10.00			
c	Ficus Benjamina	each	10.00			
d	Ficus Black	each	10.00			
e	Ficus Pand Taponi	each	10.00			
	Road Works					
127	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with in all lead & lift and as per Technical Specification Clause 303.1and as per the direction of Engineer-In charge.	Cum	150.00			
128	Compacting original ground supporting subgrade:- Loosening of the ground upto a level of 300 mm below the subgrade level, watered, graded and compacted in layers to meet requirement of Tables 300.1 and 300.2 for subgrade construction as per Technical Specification Clause 303.5.2 and as per the direction of the Engineer In charge.	Cum	150.00			

Project Management Unit (PMU), IDIPT-HP
Himachal Pradesh Tourism Development Board
U S Club, Shimla - 171001, HP, India

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
129	Water Bound Macadam Subbase/ base WBM Grading 1 (90mm -40mm) Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 1 as per Technical Specification Clause 405 and as per the direction of the Engineer- In charge i/c carriage of materials in all lead & lift. By Mechanical Means	cum	36.85			
130	WBM Grading 2 (63mm -40mm) Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening/ binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405 and as per the direction of the Engineer-In charge i/c carriage of materials in all lead & lift. By Mechanical Means	cum	25.16			

Project Management Unit (PMU), IDIPT-HP
 Himachal Pradesh Tourism Development Board
 U S Club, Shimla - 171001, HP, India

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
131	<p>WBM Grading 3 (50 mm -25 mm) Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical specification Clause 405 and as per the direction of the Engineer-In charge i/c carriage of materials in all lead & lift.</p> <p>By Mechanical Means</p>	cum	25.16			
132	<p>Providing and applying Primer Coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502 and as per the direction of the Engineer-In charge i/c carriage of materials in all lead & lift. Medium Porosity</p>	Sqm	305.00			
133	<p>Providing and applying Tack Coat with Bitumen emulsion (RS-1) using emulsion pressure distributor at the rate of 0.30 to 0.35 kg per sqm on the prepared non bituminous surfaces (cement concrete pavement) cleaned with Hydraulic broom as per Technical Specification Clause 503 and direction of the Engineer-In charge i/c carriage of materials in all lead & lift.</p>	Sqm.	305.00			
134	<p>Providing and laying Bituminous Macadam with hot mix plant using crushed aggregates of grading as per Table 500.4 premixed with bituminous binder, transported to site upto a lead of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504 and direction of the Engineer-In charge i/c carriage of materials in all lead & lift.</p>	Cum	15.25			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
135	Providing and laying 25mm thick Semi Dense Bituminous Concrete (SDBC) with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respect as per direction of the Engineer-In charge and carriage of materials in all lead & lift.	Cum	7.63			
136	Providing and laying at or near ground level factory made Kerb Stone of M-25 grade NTC or equivalent make cement in position to the required line, level and curvature jointed with cement mortar 1:3 (1 cement : 3 coarse sand) including making joints with without grooves (thickness of joints except at sharp curve shall not to more than 5mm) including making drainage opening wherever required complete including painting etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer in- charge) including carriage of materials in all lead & lift.	Cum	27.60			
137	P/F Drainage Spouts as per approved drawing and technical specifications clause 1209 including carriage of material upto all lead& lift and as per direction of Engineer in charge.	Nos	8.00			
	PRE FABRICATED CABIN					
138	Providing and Fixing of Readymade Pre fabricated Security Cabin (4'-0"x4'-0"x7'-0") AFG or equivalent using sand with panels for double slope roof and walls, flooring ,using frame glass windows design, sealing arrangements and painting windows with texture colour finishing etc. complete as per architectural drawing, design specifications and as per sample	Each	3.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	approved by the Engineer-In charge i/c carriage of material in all lead & lift					
	Sub-Total (A1 – Janjehli Tourist Cultural Centre)					
A2	Trekkers Hostel at Thunag					
1	Cutting in earth work in all kind of soil up to all level and stacking the excavated soil as per the direction and then returning the same and hold in 15 cm. layer when required in foundation and plinth etc. also consolidating each layer by ramming and watering, also disposing off surplus excavated earth in all leads and lift by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/private land or property shall be absolute responsibility of the Contractor (Freight and dumping charges will not be paid separately).	Cum	1,097.18			
2	Excavation in foundation trenches etc. in earth work upto all lifts stacking the excavated soil not more than 3.00 mtr clear from edge of the excavation and then returning the stacked soil in 15cm layers when required into the plinth sides of foundation etc.,including all kind of soil, consolidating each deposited layer by ramming and watering and then disposing off all surplus excavated earth including carriage of material upto all leads and lifts as per direction of Engineer incharge.	cum	439.77			
3	Excavation in earth work and disposal of all excavated earth upto a lead of 20 metres and lift upto 1.50 metres, disposed earth to be levelled and neatly dressed:	Cum	95.00			

Project Management Unit (PMU), IDIPT-HP
Himachal Pradesh Tourism Development Board
U S Club, Shimla - 171001, HP, India

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
4	Providing form work with steel plates 3.15mm.thick welded with angle iron in frame 30 mmx 30 mmx 5 mm. so as to give a fair finish including centering, shuttering, strutting and propping etc. with wooden battens and ballies, height of propping and centering below supporting floor to ceiling in all height and removal of the same for in situ-reinforced concrete & plain concrete work in:(Shuttering as per the pattern specified in the Architectural Drawings including pointing, rendering and finishing to smooth surfaces including carriage of material upto all leads and lifts and as per direction of Engineer incharge.					
a)	Foundation, footings basis of columns etc. and mass concrete.	sqm	441.83			
b)	Columns, pillars, posts and struts Circular or curved in plan	sqm	1,156.44			
c)	Beams, cantilivers, girders and lintels such as soffits of beams, Sides and soffits of beams, beam haunchings, cantilevers, bressumers and lintels not exceeding 1 Mtr. in depth in all heights from floor.	sqm	516.43			
d)	Flat surfaces such as soffits of suspended floor, roofs, landings and the like, floor etc. Up to 200 mm in thickness.	sqm	1,006.58			
e)	Stair cases with sloping or stepped soffits excluding landing	sqm	145.86			
f)	Edges of slabs and breaks in floors and walls:	Rmt.	302.81			
5	Providing and laying cement concrete mechanically mixed 1:4:8 (1 cement: 4 sand: 8 graded stone aggregate 40mm nominal size) curing complete excluding cost of form work in foundation and plinth including carriage of material upto all leads and lifts and as per direction of Engineer incharge	cum	75.76			
6	Filling in plinth with sand under floors including watering, ramming consolidating and dressing complete including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	cum	94.82			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
7	Stone/ Boulder filling of selected hard stone under floors including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	cum	50.94			
8	Providing and laying cement concrete 1:2:4 (1 cement: 2 Sand: 4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in: foundation and plinth	Cum	2.53			
9	Providing and laying cement concrete 1 :1.5 :3 (1 Cement: 1.5 sand: 3 graded stone aggregate 20mm nominal size excluding form work and reinforcement) in foundation and plinth	Cum	4.30			
10	Providing and laying RCC M-25 mix design and curing complete excluding cost of form work and reinforcement for reinforcement concrete work including carriage of material in all leads and lifts and as per direction of Engineer Incharge.					
a)	Foundations, footings bases of columns and the like and mass concrete.	cum	103.51			
b)	Column, pillars, posts and struts up to all levels.	cum	43.26			
c)	Suspended Floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilever up to all levels.	cum	117.74			
d)	Stair cases (except spiral stair cases) excluding landing but including preparing of the surface and finishing of nosing upto floor two level.	cum	9.74			
11	Providing mild steel /tor steel reinforcement (Tata / Sail make) for RCC work including bending, binding and placing in position complete including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	Kg	55,543.27			
12	Brick work using common burnt clay building bricks in foundation and plinth in:- Cement Mortar 1:6 (1 cement: 6 sand) Second Class Bricks	Cum	28.18			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
13	Brick work (2nd class brick) using common burnt clay building bricks in Super structure in cement mortar 1:6 (1 cement: 6 sand) 2nd class brick including carriage of material upto all leads and lifts as per direction of Engineer incharge.	cum	307.08			
14	Half brick masonry using common burnt clay building bricks in cm 1:4 (1 cement: 4 sand) 2nd class bricks in super structure including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	sqm	930.05			
15	Half brick masonry in common burnt clay building bricks in cm 1:4 (1 cement 4 sand) using second class bricks in foundation and plinth	sqm	5.00			
16	15mm cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto floor two level including arrises,internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth. (cement mortar 1:6)	sqm	3,999.48			
17	6mm Cement plaster to ceiling in Cement mortar 1:3 (1 Cement: 3 Sand) including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	sqm	711.27			
18	Providing Second Class Deodar wood frames of doors, windows, clerestory, windows and other frames wrought framed and fixed in position including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	Cum	5.35			
19	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows, including black enamelled iron butt hinges with necessary screws including carriage of material upto all leads and lifts and as per direction of Engineer incharge. 40mm thick, 2nd class deodar wood	Sqm	240.85			
20	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85g. With wire of dia	Sqm	66.63			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	0.56mm for doors, windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws. 40mm thick, 2nd class deodar wood					
21	Extra for providing and fixing galvanised M.S. wire gauge of I.S. gauge designation no. 140 g to doors, window and clerestory windows with I.S. gauge designation no. 85 G with wire of dia 0.56 mm including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	Sqm	66.63			
22	Providing and fixing bright finished brass sliding door-bolts with nuts and screws etc. complete and as per the direction of the Engineer-In-charge including all leads and lifts.					
a)	300x15 mm	Each	22.00			
b)	200x16 mm	Each	40.00			
23	Providing and fixing 100mm bright finished Brass floor door stopper with rubber cushion screws etc. to suit shutter thickness complete including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	Each	65.00			
24	Providing and fixing brass Handles transparent or dyed to the required colour and shade with necessary screws etc complete comply with ISO standard including carriage of material upto all leads and lifts complete as per detailed drawings / directions of Engineer in Charge.					
a)	150mm	Each	159.00			
b)	125mm	Each	69.00			
c)	100mm	Each	142.00			
25	Providing fixing bright finished Brass tower bolts with screws etc. complete including carriage of material upto all leads and lifts					

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	complete as per detailed drawings / directions of Engineer in Charge.					
a)	250x10 mm	Each	42.00			
b)	200x10 mm	Each	16.00			
c)	150x10 mm	Each	146.00			
d)	100x10mm	Each	120.00			
26	Providing and fixing bright finished brass hard drawn hooks and eyes and as per the direction of the Engineer-In-charge including all leads and lifts. 150mm	Each	249.00			
27	Providing and fixing Godrej C071 Aluminum Alloy Door Closer or equivalent containing 1-Piece Door Closer Body, 1-Piece Arm, 1-Piece Screw Packet, 1-Piece Instruction Manual, able to mount in left/right, inside/outside door, making good the floors complete including including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	Each	14.00			
28	Providing and fixing plain square edged cover fillets (beading) 50mmx12mm section, with wood screws in ceiling and lining including mitring at junction including carriage of material upto all leads and lifts and as per direction of Engineer incharge. 1st class deodar wood.	Rmt.	271.28			
29	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions including carriage of material upto all leads and lifts and as per direction of Engineer incharge. 1st class deodar wood.	Rmt.	315.60			
30	Providing woodwork in frames of false ceilings, partitions etc. sawn and put-up in position, including carriage of material up to all leads and lifts. in 2nd class Kail wood	Cum	8.20			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
31	Providing and fixing wooden plank ceiling with planks over lapping each other and jointed with wood screws (frame work and cover fillets to be measured and paid for separately). 2nd class Deodar wood; 20mm thick	Sqm	273.42			
32	Providing and fixing wooden plank ceiling with planks below slates over lapping each other and jointed with wood screws (frame work and cover fillets to be measured and paid for separately), carriage of material up to all leads and lifts. 2nd class Deodar wood; 40mm thick	Sqm	273.78			
33	Providing and fixing of 8mm thick (Armstrong AMBIENCE PLUS / Pergo, equivalent) Laminated wooden flooring, classification of use 31/23 with a surface abrasion resistance of class AC4 (4500 cycles) and impact resistance of less than 9 mm. with a 0.2 mm thick wear layer on top of a High Density Fiber substrate core (density ~ 940 Kgs/M3) of plank size 1285 mm X 186 mm having Bruce™ locking arrangement with an underlayment made of 3 mm thick natural colour foam of 30 Kgs/M3 density and 25 micron LDP film thermo fused to the main underlayment to form a single unit, with accessories like End profile, Transition profile, reducer, Stair nosing etc. complete. Installation to be carried out strictly as per Installation Guide of Armstrong using Armstrong PVC/ Aluminium profiles. The MDF Moulded Skirting to be 80/90mm. Including carriage of material in all lead and lift.	Sqm	527.80			
34	Providing and laying Digital tiles (300 x 600mm x 10mm) in grey/coloured of required shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3 (1 cement: 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	sqm	548.71			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
35	Providing and laying Duro stone vetrified tiles (300 x 300mm x 8mm) in grey/coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement: 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete.	sqm	219.56			
36	Providing and fixing 10mm thickanti skid water proof stain and impact resistant heavy duty vitrified tiles Nitco or equivalent 600 x 600mm x 10mm manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1 cement: 3 sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete.	sqm	155.97			
37	Providing and laying granite stone (light grey / Ruby Red) in flooring 20mm (average) thickness base of cement mortar 1:3 (1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete (20mm thick)	sqm	22.47			
38	Providing and laying granite stone 20mm (average) thickness in risers of steps,skirting, dado and pillars laid on 12mm (average) thick base of cement mortar 1:3 (1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete as per drawing and design including carriage of material upto all leads and lifts and as per direction of Engineer incharge	sqm	132.87			
39	Kota stone slab flooring 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete including carriage of material upto all leads and lifts	Sqm	39.62			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
40	Slate roofing with 7.5 cm. Double layer fixed on wooden battens (wood work be paid for separately) with slates 40x20 cm. size including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	Sqm	273.78			
41	Providing and fixing 0.60 mm thick prepainted steel sheet (Tata Make) in roofing with hot dipped metallic zinc / aluminium-zinc alloy coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyster of 5 microns over 5 microns primer coating including fixing with self driven steel screws / prepainted iron J or L hooks or seam bolts with prepainted limpet and rubber washers complete with all accessories as required as per the detailed drawings / directions of Engineer - in - charge.	Sqm	453.38			
42	Providing and fixing ridges or hips 60 cm overall with 0.60mm thick preprinted steel sheets in roofing (TATA /Century, Sale or equivalent) with hot dipped metallic zinc / zinc aluminium alloy coated sheets with top coat of regular modified polyster organic coating of 20 microns over 5 microns primer coating + back coat of polyster of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks / self driven screws, bolts & nuts 6mm dia & preprinted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charges. including carriage of material upto all leads and lifts and as per direction of Engineer incharge	Rmt.	111.24			
43	Providing and fixing valley 90 cm overall 0.60mm thick with prepainted steel sheets in roofing with hot dipped metallic zinc / zinc aluminium alloy coated sheets with top coat of regular modified polyster organic coating of 20 microns over 5 microns primer coating + back coat of polyster of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks / self driven screws, bolts & nuts 6mm dia & preprinted	Rmt.	54.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charges. (Tata /Century well or equivalent) including carriage of material upto all leads and lifts.					
44	Providing and fixing of Lead sheet (Thickness 2mm and density 2.30 kg/sqft.) on dormer joints, and chimney joints as per drawing, design and as per direction of Engineer-In-Charge including carriage of materials in all lead and lifts.	Sqm	142.90			
45	Steel work welded in built up sections / hollow section (Tata make or equivalent) trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint including carriage of material upto all leads and lifts and as per direction of Engineer incharge .					
a)	In trusses and trussed purling in buildings.	Qtl.	192.56			
b)	In gratings framed guard bars, ladders, railing, brackets and similar works.	Qtl.	13.32			
46	Providing and laying water proofing treatment with layers of Bitumen felt type 3 grade 1 (hessian base self finished bitumen felt) sheet over wooden planks ceiling under slate roofing up to all leads and lifts and as per direction of Engineer in charge.	sqm	273.78			
47	Providing and laying of brick bat filling of nominal size in sunken portion in position to fill the portion including all kinds of leads, lifts and carriage etc. complete in all respects as per directions / entire satisfactions of the Engineer in Charge	Cum	38.06			
48	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar foreign matters sand papered smooth to give final matter finish to the surface complete.	Sqm	2,334.65			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
49	Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated 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 droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer.	Sqm	2,334.65			
50	Spirit polish on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt dust and sand papered smooth and including a coat of wood filler, including carriage of material in all lead and lift, as per sample approved by the conservation architect	Sqm	606.86			
51	Providing under layer for plinth protection of 75 mm thick (unconsolidated) bed dry brick/stone aggregate 40mm nominal size well rammed and consolidated and grouted with fine sand including preparation of ground. including carriage of material in all lead and lifts	Sqm	162.07			
52	Providing plinth protection 50mm thick in cement concrete 1:3:6 (1 cement: 3 sand: 6 graded stone aggregate 20mm nominal size) including carriage of material in all lead and lifts	Sqm	162.07			
53	Providing and fixing Local Stone cobbles as per drawing and design and specifications 200 X 100 X 100mm or 100x100x100m in required pattern including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	sqm	175.00			
54	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement in position to the required line, level and curvature jointed with cement mortar 1:3 (1 cement: 3 coarse sand) including making joints with without grooves (thickness of joints except at sharp curve shall not to more than 5mm) including making drainage opening wherever required	Cum	2.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	complete including painting etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineerin- charge).					
55	Providing and fixing Ready made cupboard of approved brand / modern pattern i/c luggage & shoe rack as per drawing and design and specifications given by the interior designer and necessary fittings and polishing, etc. complete including carriage of material upto all leads and as per direction of Engineer incharge (nothing shall be paid extra)	sqm	36.01			
56	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings including carriage of material upto all leads and as per direction of Engineer incharge (Glazing and panelling to be paid for separately)					
a)	For doors windows and ventilators and glazed portions frames. For fixed portion. Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	285.60			
b)	For shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required	Kg	631.01			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
c)	Providing and fixing glazing in aluminium door, window, ventilator shutters and partition etc with glass panes of 5.50mm thickness (weight not less than 13.75 kg/ sqm) with PVC/neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-In-charge (cost of aluminium snap beading shall be paid in basic item.)	Sqm	50.28			
57	Providing and fixing of Fibre Glass Reinforced plastic (FRP) Door Frames of three legged of cross-section 90mm x 45mm having single rebate of 32mm x 15mm to receive shutter of 30mm thickness .The laminate doorframe moulded with fire resistant grade unsaturated polyester resin and chopped mat Doorframe laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fibreglass from all sides. MS stat shall be provided at the bottom to sturdy the frame.	Rmt.	9.90			
58	30mm thick fibreglass reinforced plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF) / Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856 : 2000, complete as per direction of Engineer-in-charge.	sqm	3.15			
59	Providing and fixing Unistone slab 12.5mm cladding on RCC Surface side as on faces of Arch masonry walls etc.on 12mm. Thick cement plaster 1:3(1cement:3 sand) and jointed with cement slurry i/c scaffolding etc. complete.	sqm	904.65			
	Sub-Total (A2- Trekkers Hostel at Thunag)					

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
A3	Allied Works Around Surrounding Areas of the Project					
1	Excavation in foundation trenches etc. in earth work upto all lifts stacking the excavated soil not more than 3.00 mtr clear from edge of the excavation and then returning the stacked soil in 15cm layers when required into the plinth sides of foundation etc.,including all kind of soil, consolidating each deposited layer by ramming and watering and then disposing off all surplus excavated earth as directed by the Engineer with in incharge including carriage of material upto all leads and lifts upto the dumping site as proposed.	cum	28.83			
2	Excavation in earth work and disposal of all excavated earth upto a lead of 20 metres and lift upto 1.50 metres, disposed earth to be levelled and neatly dressed: in all classification of soil.	cum	479.40			
3	Filling in plinth with sand under floors including watering, ramming consolidating and dressing completeincluding carriage of material upto all leads and lifts and as per direction of Engineer incharge.	cum	3.44			
4	Random rubble dry stone Kharanja (soling) under floor including all charges & carriage of materials and as per directed by engineer	cum	479.40			
5	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30 mmx 30 mmx 5 mm so as to give a fair finish including centering, shuttering, strutting and propping etc. with wooden battens and ballies, height of propping and centering below supporting floor to ceiling in all height and removal of the same for in situ-reinforced concrete & plain concrete work in shuttering as per the pattern specified in the Architectural Drawings including pointing, randerling and finishing to smooth surfaces including carriage of material upto all leads and lifts and as per direction of Engineer incharge.					

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
a)	Foundation, footings basis of columns etc. and mass concrete.	sqm	53.76			
b)	Columns, pillars, posts and struts Circular or curved in plan	sqm	23.04			
c)	Beams, cantilivers, girders and lintels such as soffits of beams, Sides and soffits of beams, beam haunchings, cantilevers, bressumers and lintels not exceeding 1 Mtr. in depth in all heights from floor.	sqm	25.20			
6	Providing and laying cement concrete mechanically mixed 1:4:8 (1 cement: 4 sand: 8 graded stone aggregate 40mm nominal size) curing complete excluding cost of form work in foundation and plinth including carriage of material upto all leads and lifts and as per direction of Engineer incharge	cum	77.26			
7	Providing and laying cement concrete 1:2:4 (1 cement: 2 Sand: 4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in:	cum	9.33			
8	Providing and laying RCC M-25 mix design and curing complete excluding cost of form work and reinforcement, including carriage of material in all leads and lifts and height as per direction of Engineer In charge.					
a)	Foundations, footings bases of columns and the like and mass concrete.	cum	6.26			
b)	Suspended Floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilever up to all levels.	cum	3.04			
c)	Column, pillars, posts and struts up to all levels.	cum	1.73			
9	Providing mild steel /tor steel reinforcement (Tata / Sail make) for RCC work including bending, binding and placing in position completeincluding carriage of material upto all leads and lifts and as per direction of Engineer incharge.	Kg	2,589.90			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
10	Brick work (2nd class brick) using common burnt clay building bricks in Super structure in cement mortar 1:4 (1 cement: 4 sand) 2nd class bricks up to all height including carriage of material upto all leads and lifts as per direction of Engineer in charge.	cum	5.70			
11	Providing and fixing 10mm thick anti skid water proof stain and impact resistant heavy duty vitrified tiles Nitco or equivalent 600x600mmx10mm manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1 cement: 3 sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete.	sqm	60.00			
12	Providing and fixing 10mm thick anti skid water proof stain and impact resistant heavy duty stone tiles Nitco or equivalent 300x300mmx10mm manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1 cement: 3 sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete.	sqm	20.00			
13	Providing and laying flamed granite (Gray colour or any other colour) stone in flooring 20 mm (average) thickness base of cement mortar 1:3(1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete as per drawing and design including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	sqm	51.60			
14	Providing and laying finished/ polished granite stone (Grey or any other approved colour) in skirting, riser of steps Dado and pillar etc. 20 mm (average) thickness base of cement mortar 1:3 (1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c	sqm	30.60			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	rubbing and polishing complete including carriage of material upto all leads and lifts and as per direction of Engineer in charge. 20mm thick					
15	Providing and laying Local stone slab flooring as per approved colour, shade & size not less than 300 x 300 mm, laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab and as per the direction of the Engineer-In-Charge including carriage of material in all lead & lift and as per direction of Engineer In charge. 40 mm thick	sqm	450.00			
16	Providing and laying Local stone slab flooring as per approved colour, shade & size not less than 300 x 300 mm, laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab and as per the direction of the Engineer-In-Charge including carriage of material in all lead & lift and as per direction of Engineer In charge. 25 mm thick	sqm	2397.00			
17	Slate roofing with 7.5 cm. Double layer fixed on wooden battens (wood work be paid for separately) wih slates 40x20 cm. Size.	Sqm	89.97			
18	Providing and laying water proofing treatment with layers of Bitumen felt type 3 grade 1 (hessian base self finished bitumen felt) sheet over wooden planks ceiling under slate roofing up to all leads and lifts and as per direction of Engineer in charge.	Sqm	89.97			
19	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyster of 5 microns over 5 microns primer coating i/c fixing with prepainted	Sqm	102.64			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-charge. Detail of cost for 184.52 sqm.					
20	Providing and fixing ridges or hips 60 cm overall with 0.60mm thick preprinted steel sheets in roofing with hot dipped metallic zinc / zinc aluminium alloy coated sheets with top coat of regular modified polyster organic coating of 20 microns over 5 microns primer coating + back coat of polyster of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks / self driven screws, bolts & nuts 6mm dia & prepainted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charges. (Tata /Century well or equivalent)	Rmt.	34.40			
21	Providing and fixing M.S BP Sheet 1.66mm to 2mm thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in- Charge including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	Sqm	5.20			
22	Steel work welded in built up sections / hollow section (Tata make or equivalent) trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint including carriage of material upto all leads and lifts and as per direction of Engineer incharge .					
a)	In gratings framed guard bars, ladders, railing, brackets and similar works.	Qtl.	161.95			
b)	In trusses and trussed purlins inbuildings	Qtl.	42.64			
23	Providing and fixing M.S.round holding down or anchor bolts with nuts and washer plates complete	Qtl.	0.38			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
24	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matters including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	sqm	371.82			
25	Applying priming coat over new wood and old wood based surfaces after and including prepering the surface by thoroughly cleaning oil, grease, dirt and other foreign matters sand papering and knotting.	sqm	45.72			
26	Painting two coats(excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt,dust and other foreign matter, sand papering & stoping with enamel paint other than white	Sqm	45.72			
27	Distempering two coats with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surface 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 droppings and other foreign matter and also including preparing the surface even and sand papered smooth priming coat with distemper primer including carriage of material in all lead and lifts	sqm	77.16			
28	Finishing wall with weather proof exterior grade emulsion of approved design (Apex-Ultima) or its equivalent on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials upto all leads and lifts and as per direction of Engineer in charge.	sqm	81.96			
29	15mm cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto all levels	sqm	262.08			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	including arises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in cement mortar 1:6 (1 cement: 6 sand) above floor two level including carriage of material upto all leads and lifts and as per direction of Engineer incharge.					
30	Applying Birla white wall care putty over plastered surface after thoroughly brushing the surface free from mortar drops dust, loose materials and other foreign matter sand papered smooth to give final finish to the surface complete including carriage of material in all lead and lift & as per direction of Engineer in charge.	sqm	89.22			
31	Applying priming with cement primer coat on new concrete/masonry/ asbestos cement/plastered surfaces after and including preparing the surface by thoroughly cleaning oil,grease,dirt and other foreign matter and sand papering as required with Readymixed primer ncluding carriage of materials upto all leads and lifts and as per direction of Engineer incharge.	sqm	81.96			
32	Providing plinth protection 50mm thick in cement concrete 1:3:6 (1 cement: 3 sand: 6 graded stone aggregate 20mm nominal size) including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	sqm	18.96			
33	Providing under layer for plinth protection of 75 mm thick (unconsolidated) bed dry brick/stone aggregate 40mm nominal size well rammed and consolidated and grouted with fine sand including preparation of ground including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	sqm	9.48			
34	Providing wood work in frames of doors, windows, clerestory windows, partion posts and other frames wrought,framed and fixed in position including making necessary mouldings as per exixting pattern and drawings and as per the direction of the Engineer-In-charge including all leads and lifts. 2nd class Deodar wood.	Cum	0.48			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
35	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of material in all leads and lifts as directed by the Engineer-in-charge. 40mm thick, 2 nd class Deodar wood.	sqm	22.86			
36	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position. 2nd class kail wood	cum	0.98			
37	Providing and fixing wooden plank ceiling with planks below slates over lapping each other and jointed with wood screws (frame work and cover fillets to be measured and paid for separately), carriage of material up to all leads and lifts. 2nd class Deodar wood, 40mm thick	sqm	75.68			
38	Providing and fixing 10 mm thick bison board in ceiling (ISI) mark of standard size with butt jointed and nails (frame work and cover fillets to be paid for separately) including carriage of materials upto all leads and lifts and as per directions of Engineer in charge	sqm	89.25			
39	Providing and fixing bright finished brass sliding door-bolts with nuts and screws etc. complete and as per the direction of the Engineer-In-charge including all leads and lifts.					
a)	300x15 mm	Each	2.00			
b)	200x16 mm	Each	3.00			
40	Providing and fixing brass Handles transparent or dyed to the required colour and shade with necessary screws etc complete comply with ISO standard including carriage of material upto all leads and lifts complete as per detailed drawings / directions of Engineer in Charge.					

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
a)	150mm	Each	2.00			
b)	125mm	Each	3.00			
c)	100mm	Each	16.00			
41	Providing fixing bright finished Brass tower bolts with screws etc. complete including crriage of material upto all leads and lifts complete as per detailed dtawings / directions of Engineer in Charge.					
a)	250x10 mm	Each	10.00			
b)	150x10 mm	Each	10.00			
c)	100x10mm	Each	32.00			
42	Providing and fixing bright finished brass hooks and eyes and as per the direction of the Engineer-In-charge including all leads and lifts. 150mm	Each	32.00			
43	Demolition below G.L. upto 1.50Metres depth and also disposing off surplus material in all leads and lift by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor (Freight and dumping charges will not be paid separately). Un-reinforced cement concrete upto 15 cm. thickness.	Cum	8.00			
44	Demolition above G.L. upto floor two levels and also disposing off surplus material in all leads and lift by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor (Freight and dumping charges will not be paid separately)..					
a)	Un-reinforced cement concrete upto 15 cm. thickness.	Cum	47.25			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
b)	Stone slab/flagged floor etc.in cement Mortar	Sqm	135.00			
45	Demolition of stone masonry below G.L. upto 1.5 metres depth including stacking of serviceable materials and also disposing off surplus material in all leads and lift by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor (Freight and dumping charges will not be paid separately)..	cum	18.99			
46	Dismantling roofing including ridges, hips, valleys, gutters etc. stacking the serviceable materials and also disposing off surplus material in all leads and lift by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor (Freight and dumping charges will not be paid separately).. G.I. Sheet roofing.	Sqm	89.25			
47	Taking out doors, windows and clerestory windows shutters (steel or wood) including stacking within 20 Metres lead.					
a)	Not exceeding 3 sq.m in are	Each	8.00			
b)	Exceeding 3 sqm in area	Each	1.00			
48	Dismantling plastering upto all floor levels including stacking of serviceable materials and also disposing off surplus material in all leads and lift by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor (Freight and dumping charges will not be paid separately). wooden/concrete joists to be measured and paid separately).	Sqm	300.00			
49	Dismantling steel work upto span of 10 Metres and a height of 5 Metres in built up sections in angles, tees, flats and channels	Kg	2,499.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	including all gusset plates, bolts, nuts, beadings etc. and stacking the materials within 20 Metres lead:- dismantling trusses, rafters, purlins etc.					
50	Demolition of brick work above G.L. upto floor two level including stacking of serviceable materials and also disposing off surplus material in all leads and lift by manual/mechanical means to the dumping site arranged by the contractor. Any loss/damage to the public/ private land or property shall be absolute responsibility of the Contractor (Freight and dumping charges will not be paid separately)..	Cum	5.00			
51	Providing and fixing directional signage with 2150mm high 200mm thick post chamfered on all four corners in Approved sand stone on a base of 250X250X150mm with 40mm thick sandblasted Jodhpur stones fixed in the post with pattern engraved as per design along with fonts of hindi/english engraved and painted. Complete in all respect as per drawing under the instructions given by the Architect and EI (External Signages)	Each	4.00			
52	Providing and fixing signage 2250X1650mm made in Approved stone posts 250MM X 250MM each chamfered on all four corners on a base of 250X250X150mm with 65mm thick sandblasted Kandla stone fixed between the posts with cement sand mortar pattern engraved as per design along with fonts of hindi/english engraved and painted (including the foundation works) complete in all respect as per drawing under the instructions given by the Architect and EI (External Signages)	Each	4.00			
53	Supplying and fixing of readymade approved quality of concrete rest benches of NTC make or equivalent size 1500 L x 650 W x 1000 H (mm) including leveling the ground below the concrete bed of mix 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate of 20 mm nominal size) wherever required including carriage of material, all leads and lifts, mechanically and manually,	Each	24.00			

Annexure - A

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
A	Civil Works					
	complete as per direction of Engineer in charge.					
54	Providing and fixing PVC dustbin (Syntex or equivalent) not less than 120 litre capacity hanged (rotating) on two MS pipes (medium quality) of 65mm dia of required length painted with anti corrosive paint as approved, grouted in cement concrete 1:2:4 pedestals of size 0.25x0.255x0.30m 1:2:4 with proper anchorage in the ground as per drawings and design, including carriage of material upto all leads and lifts and as per direction of Engineer incharge (Rate shall include supply of all material and labour to complete the job)	Each	22.00			
	Sub-Total (Annexure A3 – Allied Works Around Surrounding Areas of the Project)					
	Sub-Total (A – Civil Works = A1 + A2 + A3)					

Project Management Unit (PMU), IDIPT-HP
Himachal Pradesh Tourism Development Board
U S Club, Shimla - 171001, HP, India

Annexure - B

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
B	Water Supply and Sanitary Installation					
1	Providing and fixing vitreous wash down Cera Make cat no s1013115 or equivalent white colour studio set along with C.P. JET, SEAT COVER, CISTERN and twin flushing valves etc. complete in all respect, water closet (European Type - WC pan) with integral 'p' or 's' trap including jointing the trap with soil pipe in cement mortar 1:1 (one cement, one sand) (with cistern, seat cover and flush fitting) Star White including carriage of materials upto all leads and lifts and as per direction of Engineer in charge (snow white)	Each	104.00			
2	Providing and fixing vitreous China water closet Cera Make Cat No. s3010102 squatting pan or equivalent (Indian type WC. pan) size 580 mm (Earth work, bed concrete, foot rest and trap to be measured and paid for separately) including carriage of materials up to all leads and lifts and as per direction of Engineer in charge.	Each	4.00			
3	Providing and fixing 10.0/12.50/15.00 litres PVC cistern Cera Cat. No.B1010101 or equivalent with a pair of C.I. or mild steel brackets, complete with fitting such as lead valve with polythene float, C.P. Brass handle unions and couplings for connections with inlet, outlet and overflow pipes, 40 mm die C.P.flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow) pipe to be treasured and paid for separately). Star White including carriage of materials upto all leads and lifts and as per direction of Engineer in charge.	Each	4.00			
4	Providing and fixing 10mm P/S Trap of approved colour including carriage of materials upto all leads and lifts and as per direction of Engineer in charge.	Each	12.00			
5	Providing and fixing wash basinTable top wash basin Cera make Coana 600x400mm or equivalent including carriage of materials up to all leads and lifts and as per direction of Engineer in charge.	Each	114.00			

Annexure - B

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
B	Water Supply and Sanitary Installation					
6	Providing and fixing 15 mm nominal size Basin Mixer JAL Tansa series Cat. No. 82616 or equivalent with 450mm braided connection pipe including carriage of material upto all leads and lifts and as per direction of Engineer incharge.	Each	108.00			
7	Providing and fixing Double Bowl Steel sink Cera Make cat no. B4513201 of 940x490x205mm size or equivalent of approved design size: a) 610mmx455mmx225mm including carriage of materials up to all leads and lifts and as per direction of Engineer incharge (Darby lite 24" x 18")	Each	14.00			
8	Providing and fixing CP Sink Mixer Cera make Cat. No. F1014501 or equivalent with 150mm long swivel spout, connecting legs and wall flange including carriage of material up to all leads and lifts and as per direction of Engineer incharge.	Each	7.00			
9	Providing and fixing CP Brass chain 50 mm long and rubber plug 32mm for suits or wash hand basin including carriage of material up to all leads and lifts.	Each	12.00			
10	Providing and fixing wall mixer JAL make Cat No. 82770, set with over head shower 15mm or equivalent with bend pipe for over head shower including carriage of material up to all leads and lifts and as per direction of Engineer incharge.	Each	75.00			
11	Providing and fixing Urinal Cera make Cat No. S4020105 of size 235x335x695mm or equivalent including carriage of material up to all leads and lifts and as per direction of Engineer incharge.	Each	24.00			
12	Providing and fixing Urinal Division Plate Cera make Cat No S-4090101 or equivalent including carriage of material up to all leads and lifts and as per direction of Engineer incharge.	Each	24.00			
13	Providing and fixing bottle trap with fully casted body (with integral partition) 32mm with 190 and 125mm long connecting pipes and wall flang Cera make Cat. No.F8060101 150mm or equivalent including carriage of material upto all leads and lifts and as per the direction of Engineer -in-charge	Each	109.00			

Annexure - B

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
B	Water Supply and Sanitary Installation					
14	Providing and fixing CP Brass Towel Rack JAL Feni Series cat No 70530 or equivalent complete with C.P. Brass brackets fixed to wooden plugs, including carriage of material up to all leads and lifts and as per direction of Engineer incharge.	Each	96.00			
15	Providing and fixing CP brass soap dispenser JAL Feni Series Cat No 70547 or equivalent with CP brass brackets fixed to wooden cleats with CP brass screws including carriage of material up to all leads and lifts and as per direction of Engineer incharge.	Each	71.00			
16	Providing and fixing CP brass waste JAL Cat No 1052 for wash basin or sink 32 mm dia with half thread 32mm including carriage of material upto all leads and lifts and as per direction of Engineer incharge	Each	109.00			
17	Providing and fixing 500 x 700 mmX5mm Readymade mirror of superior glass mounted on wodden plugs Cera make cat no B3510112 or equivalent with C.P. brass screw including carriage of material upto all leads and lifts and as per direction of Engineer incharge	Each	36.00			
18	Providing and fixing mirror of superior glass mounted on wodden plugs plywood back fixed with CP brass screw including carriage of material upto all leads and lifts and as per direction of Engineer incharge	Sqm	61.63			
19	Rectangular Glass shelves (medium) JAL Feni Series Cat No 70552 or equivalent including carriage of material upto all leads and lifts and as per direction of Engineer incharge	Each	80.00			
20	Providing and fixing C.P brass soap dish JAL Feni Series Cat No 70540 or equivalent with CP brass brackets fixed to wooden cleats with CP brass screws including carriage of material to all leads and lifts and as per direction of Engineer incharge.	Each	91.00			

Annexure - B

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
B	Water Supply and Sanitary Installation					
21	Providing & Fixing in position best Indian make coat and hat hooks JAL Titas Series Cat No 74560-71, fixed into wall with CP brass screws and rawl plugs etc. complete including cutting and making good the walls etc.including carriage of material up to all leads and lifts and as per direction of Engineer incharge.	Each	70.00			
22	Providing and fixing C.P. Paper Holder with cutter JAL Feni Series Cat No 74548 or equivalent including carriage of material up to all leads and lifts and as per direction of Engineer incharge.	Each	97.00			
23	Providing and fixing CP Grab bar Cera Make JAL Titas Series Cat No 74576-71 or equivalent 350mm long including carriage of material upto all leads and lifts.	Each	50.00			
24	Providing and fixing CP brass bib tap (Long body) JAL Tansa Series Cat No 82362 or equivalent with wall flange and areator including carriage of material to all leads and lifts and as per direction of Engineer incharge. (Long nose)	Each	31.00			
25	Providing and fixing CP brass bib tap (Short body) JAL Chenab series Cat No. 3031 or equivalent with wall flange and areator including carriage of material to all leads and lifts and as per direction of Engineer incharge.	Each	103.00			
26	Providing and fixing P.V.C. waste pipe for wash basin and sink including carriage of material upto all leads and lifts and as per direction of Engineer incharge	Each	74.00			
27	Providind and fixing 15mm nominal size Pillar cock JAL Chenab series Cat No. 3021 or equivalent with aerator including carriage of material upto all leads and lifts.	Each	62.00			
28	Providing and fixing 15mm nominal size stop cock/ angle valve of JAL Chenab series Cat No. 3048 or equivalent with flange including carriage of material to all leads and lifts and as per direction of Engineer incharge.	Each	555.00			

Annexure - B

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
B	Water Supply and Sanitary Installation					
29	Providing and fixing C. P. Brass shower rose JAL Cat No 1281 with 15mm or 20 mm inle or equivalent with single flow and shower arm including carriage of material up to all leads and lifts and as per direction of Engineer incharge.	Each	77.00			
30	Providing & Fixing C.P. Towel Ring JAL Feni Series Cat No 70524 or equivalent including carriage of material upto all leads and lifts and as per direction of Engineer incharge	Each	102.00			
31	Providing and fixing CP Grating JAL Cat No 9305/9306 or equivalent including carriage of material upto all leads and lifts.	Each	264.00			
32	Providing and fixing PVC flexible connections pipe JAL Cat No 449, with brass unions 45cm length 15 mm nominal bore including carriage of material in all leads and lifts	Each	661.00			
33	Providing and fixing M.I.Union ISI marked for wash basin or sink: 32 mm dia including carriage of material to all leads and lifts and as per direction of Engineer incharge.					
	i) 15 mm dia	Each	238.00			
	ii) 20 mm dia	Each	162.00			
	iii) 25 mm dia	Each	89.00			
34	Providing and fixing brass full way valve with wheel including carriage of material up to all leads and lifts and as per direction of Engineer incharge.					
	a) With water storage 15mm size	Each	123.00			
	b) 20mm nominal bore	Each	58.00			
	c) 25mm nominal bore	Each	40.00			

Project Management Unit (PMU), IDIPT-HP
Himachal Pradesh Tourism Development Board
U S Club, Shimla - 171001, HP, India

Annexure - B

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
B	Water Supply and Sanitary Installation					
35	Constructing manhole with RCC top slab in 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate) 20mm nominal size foundation concrete 1:4:8 (1 cement: 4 sand: 8 graded stone aggregate 40mm nominal size) inside plastering 15mm thick with cement mortar 1:3 (1 cement: 3 sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate 20mm nominal size) finished smooth complete including curing and testing including carriage of material in all leads and lifts.					
	a) Inside size 800x800x500mm deep including C.I. cover with frame (Light duty single seal: Pattern) 455mmx 610mm integral dimensions total weight of cover and frame to be not less than 38 kgs (weight of cover 23kg and weight of frame 15 kg with 200mm thick walls of brick masonry using common burnt clay building bricks in cement mortar 1:3 (1 cement: 3 sand) including carriage of material in all leads and lifts.	Each	32.00			
36	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:6 (1 cement: 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size), i/c necessary excavation, foundation concrete 1:4:8 (1 cement: 4 fine sand: 8 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:6 (1 cement: 6 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design including carriage of material up to all leads and lifts and as per direction of Engineer incharge.	Each	34.00			
37	Providing and fixing to wall ceiling and floor galvanized mild steel tubes (Medium Grade) tube fitting and clamps as per IS code including making good the wall ceiling and floor including carriage of material in all leads and lifts.					

Annexure - B

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
B	Water Supply and Sanitary Installation					
	a) 15mm nominal size	Rmt	1,433.03			
	b) 20mm nominal size	Rmt	645.00			
	c) 25mm nominal size	Rmt	365.00			
38	Providing and fixing in tranches galvanized mild steel tubes (Medium Grade) as per IS Code tube fitting excavation for tranches will be measured and paid separately including carriage of material up to all leads and lifts and as per direction of Engineer incharge. Jindal/Tata make or equivalent.					
	a) 25mm dia	Rmt	905.00			
	b) 20mm dia	Rmt	650.00			
39	Providing and fixing 150 mm X 6 Kgf pvc Poly plast sewerage pipe of working pressure not less than 4.5 kg per square metre (Four point five kilogramme per square metre) including filling the joints with approved adhesive complete including carriage of material up to all leads and lifts and as per direction of Engineer incharge.					
	a) 150mm dia	Rmt.	1,130.00			
40	Providing and fixing 6 Kgf pvc Poly plast sewerage pipe of working pressure not less than 4.5 kg per square metre (Four point five kilogramme per square metre) including filling the joints with approved adhesive complete					
	a) 75 mm nominal size	Rmt	1,993.50			
	b) 100mm nominal size	Rmt	1,698.50			
41	Providing and fixing high pressure PVC fitting & accessories, including fixing with approved adhesive etc. complete.					
	a) Plain bend					
	i) 75mm dia	Each	258.00			

Annexure - B

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
B	Water Supply and Sanitary Installation					
	ii) 100mm dia	Each	257.00			
	iii) 150mm	Each	131.00			
	b) Door bend					
	i) 75mm dia	Each	122.00			
	ii) 100mm dia	Each	102.00			
	iii) 150mm	Each	69.00			
	c) Single equal junction of					
	i) 75 mm dia	Each	60.00			
	ii) 100 mm dia	Each	92.00			
	d) PVC Collar					
	i) 75 mm dia	Each	138.00			
	ii) 100 mm dia	Each	111.00			
	iii) 150mm	Each	61.00			
	e) PVC Cowl					
	i) 75 mm	Each	27.00			
	ii) 100 mm	Each	27.00			
	iii) 150mm	Each	11.00			
	f) Tee					
	i) 75 mm	Each	74.00			
	ii) 100 mm	Each	61.00			
	iii) 150mm	Each	43.00			
	g) Clamps					

Annexure - B

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
B	Water Supply and Sanitary Installation					
	i) 75 mm	Each	271.00			
	ii) 100 mm dia	Each	257.00			
	iii) 150mm	Each	73.00			
42	Providing and fixing PVC floor trap of self cleaning design with C.P screwed down or hinged grating with or without vent arm complete including cost of cutting and making good the walls and floors 75 mm nominal diameter (100mm)	Each	226.00			
43	Fixing water meter and stop cock in G.I. pipe line including cutting and threading the pipe and making long screws etc. complete (cost of water meter and stop cock to be paid separately) including carriage of material upto all leads and lifts and as per the direction of Engineer -in-charge	Each	11.00			
44	Supplying in cast iron cover with frame for man holes for frame of internal dimension 460x610mm rectangular CI cover (light duty single sear pattern -I)the weight of cover to be not less than 23 Kg including carriage of material upto all leads and lifts and as per direction of Engineer incharge	Each	57.00			
45	Providing and laying semicircular SW pipe 150mm dia over a bed of CC 1:2:4 including jointing the SW pipe with each other in drain within RR Masonry /cc edge wall including carriage of material upto all leads and lifts and as per direction of engineer incharge.	Rmt.	850.00			
46	Providing & Fixing, PVC Water Storage Tank double layered Syntax Make or equivalent with necessary inlet & outlet connections of required dia & inlet valve cock of 20mm nominal board complete including correction & testing etc. complete 2000Ltr. Capacity i/c carriage of material in all leads and lifts.	Each	16.00			
47	Providing and fixing CI cowl including all kinds of leads, lifts and carriage etc. complete in all respects as per directions / entire satisfactions of the Engineer in Charge	Each	1.00			

Annexure - B

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
B	Water Supply and Sanitary Installation					
48	P/F 100mm dia CI Pipe including all kinds of leads, lifts and carriage etc. complete in all respects as per directions / entire satisfactions of the Engineer in Charge	Rmt	3.00			
	Sub-Total (B – Water Supply and Sanitary Installation)					

Project Management Unit (PMU), IDIPT-HP
Himachal Pradesh Tourism Development Board
U S Club, Shimla - 171001, HP, India

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.(SSK, Legrand make or equivalent)					
	a) Group A.	point	307.00			
	b) Group C.	point	593.00			
2	Wiring for twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit, with 2-way modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. (Legrand/SSK or equivalent)					
	Group C.	point	73.00			
3	Supplying and fixing stepped type Modular fan regulator on the existing modular box including making connections etc. as required. (Legrand/SSK or equivalent)	Each	168.00			
4	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required (Legrand/SSK or equivalent)					
	a) S.P. 5/ 6 Amps one way Modular switch.	Each	228.00			
	b) 5 pin, 5/ 6 Amps Modular socket outlet.	Each	228.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
5	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required (Legrand/ SSK/ Great white or equivalent)	Each	569.00			
6	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required (Legrand/ SSK/ Great white or equivalent).	Each	359.00			
7	Supplying and fixing bakelite batten holder including connections etc. as required (Anchor, cona, L&T, Goldmedal)	Each	19.00			
8	Supplying and drawing LAN cable CAT 5E/OFC, solid copper conductor protected with PVC sheath in the existing surface / recessed, steel / PVC conduit as required (Havells/ Greatwhite/ Finolex/ RR Cable make or its equivalent)	Meter	903.00			
9	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No. HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required (Havells/ Greatwhite/ Finolex/ RR Cable make or its equivalent)					
	a) 2x1.5 Sq. mm.	Meter	5166.00			
	b) 2x4.0 Sq. mm.	Meter	2640.00			
	c) 2x6.0 Sq. mm.	Meter	1654.00			
10	Wiring for circuit/sub-main with 4x4 sq.mm PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 2 No. 4 sq.mm (4x4+2x4) HRFRLS/PVC	Meter	683.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	insulated single core copper conductor cable of same size for earthing as required (Havells/Greatwhite/Finolex/RR Cable make or its equivalent)					
11	Wiring for circuit/sub-main with 4x6sq.mm PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 2 No. 6 sq.mm (4x6+2x6)HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required (Havells/Greatwhite/Finolex/RR Cable make or its equivalent)	Meter	948.00			
12	Wiring for circuit/sub-main with 4x10 sq.mm PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 2 No. 10 sq.mm (4x10+2x10) HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required (Havells/ Greatwhite/ Finolex/ RR Cable make or its equivalent)	Meter	850.00			
13	Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required:- (D-Plast, Polyfit or equivalent)					
	a) 20 mm. dia	Meter	1164.00			
	b) 25 mm. dia	Meter	749.00			
	c) 32 mm. dia	Meter	540.00			
14	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required (Legrand/ Havells /C&S make or equivalent)					
	Single pole. Cat-A.	Each	574.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
15	Supplying and erection of 40/50/63 amp. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required Legrand/ Havells/ C&S make or equivalent)					
	a) Double pole. Cat-A.	Each	57.00			
	b) Triple Pole and neutral Cat-A	Each	10.00			
16	Supplying and fixing following rating, Four pole (three phase & neutral) 415volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 miliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required (Legrand/Havells/C&S make or equivalent)					
	a) 40 Amps. Cat-A.	Each	9.00			
	b) 63 Amps. Cat-A.	Each	9.00			
17	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus- bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required (Legrand/Havells/C&S make or equivalent)					
	a) Double door-4 way	Each	21.00			
	b) Double door-6 way	Each	50.00			
	c) Double door-8way	Each	22.00			
	d) Double door-12 way	Each	34.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
18	Supplying and fixing of following way, triple pole and neutral sheet steel MCB distribution board, 415volts, on surface / recess, with provision for 4-pole MCB/RCCB/RCBO as incomer and SP MCBs as outgoing,complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required (Legrand/ Havells/ C&S make or equivalent)					
	a) Double door-4 way (8+12),horizontal type	Each	3.00			
	b) Double door-6 way (8+18),horizontal type	Each	3.00			
	c) Double door-8way (8+24),horizontal type	Each	15.00			
	d) Double door-12way,horizontal type	Each	5.00			
19	Providing, installing, testing and commissioning of ceiling fan and regulator, including wiring, the down road of standard length(upto 30 Cm.) with 1.5 Sq.mm. PVC insulated copper conductor single core cable etc. as required (Usha/ Bajaj/ Havells/ Khaitan make or equivalent)					
	a) Ceiling Fan 1200 mm sweep, category-A	Each	132.00			
	b) Ceiling Fan 1400 mm sweep, category-A	Each	136.00			
20	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required (Usha/ Bajaj/ Havells/ Khaitan make or equivalent)					
	a) Exhaust Fan, Light duty, 300 mm sweep	Each	29.00			
	b) Exhaust Fan, Heavy duty, 300 mm sweep	Each	3.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
21	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required: - (Bajaj/ Recold/ Sparehot/ or equivalent).					
	35 Liter capacity water heater (Cat-A)	Each	56.00			
22	Providing, installing, testing and commissioning of PTC Wall Mount Room Heater, including wiring, with 4 Sq.mm. PVC insulated copper conductor single core cable etc.of Bajaj Cat No. Majesty RPX 7 or equivalent make as required:	Each	93.00			
23	Supplying & fixing of G.I. modular boxes of following sizes along with modular base and cover plate for modular switches in recess as required (Legrand/Havells/ North-Star make/ Greatwhite or equivalent)					
	2 modules (78mmx78mmx50mm)	Each	276.00			
24	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required (Legrand/Havells/North-Star make/Greatwhite or equivalent)					
	a) Telephone socket outlet, Modular.	Each	45.00			
	b) TV. Socket outlet, modular.	Each	48.00			
25	Supplying and drawing following pair of Fire Retardant, PVC insulated 0.5 sq.mm. (FR-Flexible) copper conductor, flat, unarmoured, telephone cable in existing surface / recessed, steel / PVC conduit as required.(Havells/Plaza/Finolex/RR Cable/ Greatwhite or equivalent)					

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	a) 1 Pair	Meter	1140.00			
	b) 3 Pair	Meter	730.00			
	c) 10 Pair	Meter	300.00			
26	Supplying and drawing co-axial TV cable, RG-6 grade, 0.7mm (75 Ohms) copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface / recessed, steel / PVC conduit as required (Havell's/Plaza/Finolex/RR Cable)	Meter	873.00			
27	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- (legrand make or its equivalent)	Each	32.00			
28	Earthing with G.I earth pipe 4.5 mtr. And 40 mm dia., including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.	Set	25.33			
29	Earthing with copper earth plate 600 mmx600 mmx 3 mm thick, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.	Set	9.00			
30	Extra for using salt and charcoal for G.I. or copper plate earth electrode complete as required.	Set	31.33			
31	Providing and fixing of lightning conductor finial, made of 25 mm dia. 300 mm long copper tube, having single prong at top, with 85 mm dia 3 mm thick copper base plate including holes etc. complete as required.	each	9.00			
32	Supplying and fixing copper tape 20mmx3mm thick on parapet or surface of wall for lightning conductor as required (for horizontal run)	Meter	89.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
33	Supplying and fixing copper tape 20mmx3mm thick on parapet or surface of wall for lightning conductor as required (for vertical run)	Meter	74.00			
34	Supplying and fixing 25mmx5mm coper strip on surface or in recess for earth connections etc.as required	Meter	44.00			
35	Supplying and laying 8 SWG copper wire at 0.50 mtr. On surface or in recess for loop earthing along with existing surface/recess/submain wiring/cable as required as required.	Meter	264.00			
36	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade on surface etc. of the required size :- (Havells/ Finolex or ISI make as approved).					
	a) Armoured cable 6sq. mm (2 core)	R.Mtr.	1363.00			
	b) Armoured cable 10 sq. mm (4core)	R.Mtr.	100.00			
	c) Armoured cable 35sq. mm (3.5 core)	R.Mtr.	118.00			
	d) Armoured cable 50 sq. mm (3.5 core)	R.Mtr.	70.00			
	e) Armoured cable 120 sq. mm (3.5 core)	R.Mtr.	70.00			
	f) Armoured cable 240 sq. mm (3.5 core)	R.Mtr.	70.00			
	g) Armoured cable 400 sq. mm (3.5 core)	R.Mtr.	30.00			
37	Providing and laying of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade direct in ground; to be laid 1 meter below the ground level including excavation and refilling the trench etc.as required, but excluding sand cushioning and protective covering:- (Havell,s or ISI make as approved by site incharge)					
	a) Armoured cable 6sq. mm (2 core)	R.Mtr.	3975.00			
	b) Armoured cable 10 sq. mm (4core)	R.Mtr.	375.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	c) Armoured cable 35sq. mm (3.5 core)	R.Mtr.	309.00			
	d) Armoured cable 50 sq. mm (3.5 core)	R.Mtr.	459.00			
	e) Armoured cable 120 sq. mm (3.5 core)	R.Mtr.	75.00			
	f) Armoured cable 240 sq. mm (3.5 core)	R.Mtr.	400.00			
	g) Armoured cable 400 sq. mm (3.5 core)	R.Mtr.	50.00			
38	Providing and fixing following type of Ceiling fitting (Surface type) IRIS LED Sq Wipro make led complete with all accessories, connections, testing and commissioning etc. as required (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent)					
	a) 16 watt Wipro Cat no.- LD74-151-XXX-65-XX or equivalent	each	266.00			
	b) octane led Wipro make LED 24 Watt cat no.- CRC01010503 or equivalent	each	279.00			
39	Providing and fixing following type of surface mounting decorative Ceiling fitting Wipro CRDL15R015HP60 - 17 W Recess Mounted square Slim LED complete with all accessories, connections, testing and commissioning etc. as required (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent)					
	13 watt-LED	each	34.00			
40	Providing and fixing following type of surface mounting decorative Ceiling fitting (Surface type) Make - Wipro, Cat. No. CRC010R038HP57GI complete with all accessories, connections, testing and commissioning etc. as required (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent)					
	24 watt-LED Ceiling fitting (Surface type) Make - Wipro, Cat. No. CRC010R038HP57GI	each	12.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
41	Providing and fixing of ultra slimdecorative fixture with domestic electronic ballast, snap- on installers, suitable for 20 wattLED complete with all accessories (including one no LED Tube) including connections, testing and commissioning as required. High efficiency Trim LED LL20, aluminum linear batten 20w`					
	1x20 watt-LED	each	47.00			
42	Extra for fixing the louvers/shutters complete with frame for exhaust fans of all sizes as required:-	each	92.00			
43	Providing and fixing of ceiling, anti corrosion wall/ceiling mounted complete with all accessories including connections etc. as required (Philips/Bajaj/Wipro/Havell's make or as approved by site engineer).	each				
44	Supply and erection of wall braket single arm brown brush suitable for 1X7watt LED lamp Philips make Cat No: 36996 brown brush with all accessories including cost of 1No. 7 Watt LED lamp and connection as required or its equivalent as approved by engineer in charge (Philips/Disano-Fosnova/Igguzini/ Zumtobel or equivalent)	each	59.00			
45	Supply and erection of wall braket double arm brown brush suitable for 2X7watt LED lamp Philips make Cat No: 36997 brown brush with all accessories including cost of 2 Nos. 7 Watt LED lamps and connection as required or its equivalent as approved by engineer in charge Philips/Disano-Fosnova/Igguzini/ Zumtobel or equivalent)	each	15.00			
46	Providing and fixing of CRCA box type commercial fixture 1X36 W complete with all accessories (including LED tube) including connections, testing and commissioning as required.its equivalent as approved by engineer in charge. (Bajaj/Philips/Disano-Fosnova/ Igguzini/ Zumtobel or equivalent)	each	3.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
47	Providing and fixing fan box (nominal size) complete in all respect as required:-	each	167.00			
48	Supplying and fixing of fancy mirror light Decorative compact energy efficient luminaire with anti-glare diffuser and electronic ballast suitable 20 w LED of all sizes and shapes, complete with all accessories including making connections, testing etc. as required or equivalent as directed by site engineer.	each	64.00			
49	Providing and fixing of wall fan 400mm sweep havells make swing premia wall fan The work involves assembly, fixing, connecting, commissioning and testing of the wall fan in complete respect (Usha/Baja/Havells/Khaitan make or equivalent)	each	18.00			
50	Providing and fixing RJ45 UTP information outlet modular, connections, etc. as required (For computer point) Legrand/Havells/ Greatwhite make or equivalent)	each	23.00			
51	Supplying and fixing of Havells Make (Maharaja) Cat no. LHLY07185099 1X40 W LED lamp, decorative non--integral Luminair with UV stablized polycarbonate diffuser suitable for 1X40 W LED, complete with all accessories including 0.50mtr G.I. pipe for fixing the light including LED lamp including making connections, testing etc. as required. or as approved by site incharge (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent)	each	7.00			
52	Supply and fixing of Rubber insulation matt 2mtrx1mtrx12mm to prevent electric shock as reqd complete in all respects	each	6.00			
53	Supplying and fixing of energy saving LED lamps of approved make in the existing light fixtures (Philips/Bajaj/oshran /Havells make or equivalent)					
	a)LED lamp 7Watt (Philips)	each	50.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
54	Supplying, storing, assembling, fixing, testing & commissioning the big size chandeliers including cost of hangers, chains or any other item required for fixing, including flexible wire from outlet to fitting. Jaquar make or its equivalent as approved by the engineer Incharge for indoor application suitable for installing on existing ceilings etc for designer lighting purpose complete in all respect. The work involves assembly, fixing, connecting, commissioning and testing of the fixtures. including carriage of material in all leads, lifts and heights through mechanical or manual transport Jaquar or equivalent)	each	4.00			
55	Supplying, storing, assembling, fixing, testing & commissioning the small size chandeliers including cost of hangers, chains or any other item required for fixing, including flexible wire from outlet to fitting. Jaquar make or its equivalent as approved by the engineer Incharge for indoor application suitable for installing on existing ceilings etc for designer lighting purpose complete in all respect. The work involves assembly, fixing, connecting, commissioning and testing of the fixtures including carriage of material in all leads, lifts and heights through mechanical or manual transport. Jaquar or equivalent)	each	9.00			
56	Main Panel 630 Amps.					
	Design as per technical specification and drawings manufacture, insure, pack, transport to site, store and erect in proper position, testing and commissioning of cubicle pattern panel fabricated using 14 gauge CRCA MS Sheet steels/16 gauge CRCA for partition and vertical separations, Dust and vermin proof lockable doors, Single Compressions brass glands for Incoming/outgoing cables. All the Distribution panels shall be floor or wall Mounting type, having top/ bottom cable entry, front operated all complete with interconnections by tinned copper Bus Bars Color-coded heat shrinkable PVC sleeves and painted with powder coated process only with Egg shell white colored					

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	from inside and light gray from outside as per shade 631 of IS-5 and as per final direction and approval of the Engineer Incharge.					
	Incoming					
	1 Nos. 630 A,FP, 35 kA, MCCB with Microprocessor based release having adjustable over load and adjustable short circuit, auxiliary contact, Rotary handel, spreader link, etc..					
	Bus bar					
	1 set of 1000 Amps, 415 volts, 3 phase, 4 wire colour coded aluminium TPN bus bar, after taking all derating factors.					
	Outgoings					
	1No. 400 A, FP, 35 kA, MCCB with thermal magnetic release and spreader terminals.					
	1 No 150 Amps F.P. 35 kA, MCCB with thermal magnetic release and spreader terminals.					
	2 Nos. 63 Amps F.P. 25 kA, MCCB with thermal magnetic release and spreader terminals.					
	3 Nos. 32 Amps F.P. 16kA, MCCB with thermal magnetic release					
	1 no. MCB TPN 63 Amp.					
	Instruments					
	1 Nos. 0-500 Volts, 96 sq.mm digital voltmeter with protection fuses and selector switch.					
	1 Nos. 0-630 Amps, 96 sq.mm digital ammeter with 400/5A CT's and selector switch.					
	1 Set R Y B phase indicating lamps with protection fuses.					

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	1 Lot of control wiring.					
	1 Set of designation plates.	Each	1			
57	LT panel 400 Amp.					
	Design as per technical specification and drawings manufacture, insure, pack, transport to site, store and erect in proper position, testing and commissioning of cubicle pattern panel fabricated using 14 gauge CRCA MS Sheet steels/16 gauge CRCA for partition and vertical separations, Dust and vermin proof lockable doors, Single Compressions brass glands for Incoming/outgoing cables. All the Distribution panels shall be floor or wall Mounting type, having top/ bottom cable entry, front operated all complete with interconnections by tinned copper Bus Bars Color-coded heat shrinkable PVC sleeves and painted with powder coated process only with Egg shell white colored from inside and light gray from outside as per shade 631 of IS-5 and as per final direction and approval of the Engineer Incharge.					
	Incoming					
	1 Nos. 400A, FP, 25 kA, MCCB with Microprocessor based release having adjustable over load and adjustable short circuit, auxiliary contact, Rotary handel, spreader link, etc.					
	Bus bar					
	3 set of 100 Amps, 415 volts, 3 phase, 4 wire colour coded copper TPN bus bar, after taking all derating factors.					
	Outgoings					
	1 No. 150 A, FP, 35 kA, MCCB with thermal magnetic release and spreader terminals.					
	3 No. 100 A, FP, 25 kA, MCCB with thermal magnetic release and spreader terminals.					

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	3 No. 63 A, FP, 10 kA, MCCB with thermal magnetic release and spreader terminals.					
	3 no. MCB TPN 63 Amp.					
	2 no. MCB DP 40 Amp.					
	Instruments					
	1 Nos. 0-250 Volts, 96 sq.mm digital voltmeter with protection fuses and selector switch.					
	1 Nos. 0-150 Amps, 96 sq.mm digital ammeter with 150/5A CT's and selector switch.					
	1 Set R Y B phase indicating lamps with protection fuses.					
	1 Lot of control wiring.					
	1 Set of designation plates.	Each	1			
58	Feeder Piller 63 A					
	Supplying, fixing, testing & commissioning the wall mounted, vermin proof, dust proof, indoor duty, industrial type double door with IP-45 protection, access from the front and shall have a lock on an outer door, These sub distribution boards are suitable for surface / recessed mounting as per standard specifications with details as follows i/c carriage of material in all leads, lifts & height as per the direction of Engineer-In charge. Legrand make or its equivalent.					
	Incoming					
	1 No. 63 Amps.25 KA FP MCCB					
	1 No M.F. Meter with V,A,F					
	Outgoings					

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	4 Nos. 63 Amps FP feeder each having one number 3 phase 415 Volts, 50 Hz, 10 KA front operated 63 Amps.FP MCB					
	8 Nos.6A-20A (10 KA) SP MCB					
	Bus bars					
	1 set of 415V, 3 phase 4 wire, 50 HZ Colour coded copper bus bars.					
	Neutral Link					
	Suitable for all outgoing.					
	Earthing Terminals.					
	Earthing terminals suitable for all outgoing.	each	2.00			
59	(FEEDER PILLAR) 100 Amp					
	Design as per technical specification and drawings manufacture, insure, pack, transport to site, store and erect in proper position, testing and commissioning oKIOSK TYPE double door with IP-65 protection lvl. cubicle pattern panel fabricated using 14 gauge CRCA MS Sheet steels/16 gauge CRCA for partition and vertical separations, Dust and vermin proof lockable doors, Single Compressions brass glands for Incoming/outgoing cables. All the Distribution panels shall be floor or wall Mounting type, having top/ bottom cable entry , front operated all complete with interconnections by tinned copper Bus Bars Color-coded heat shrinkable PVC sleeves and painted with powder coated process only with Egg shell white colored from inside and light gray from outside as per shade 631 of IS-5 and as per final direction and approval of the Consultant i/c carriage of material in all leads, lifts & height as per the direction of Engineer-In charge. Legrand make or its equivalent.					
	Incoming					
	1 Nos.100 Amps TPN feeder each having one number 3 phase 415 Volts, 50 Hz, 25 KA front operated 100 Amps.TP MCCB					

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	with suitable rating astronomic timer complete with contactor etc. and all other accessories.					
	Outgoings					
	04 Nos. 32 Amps FP feeder each having one number 3 phase 415 Volts, 50 Hz, 10 KA front operated 32 Amps.FP MCB					
	10 Nos SP MCB ,C curve 10KA					
	Bus bar					
	1 set of 160 Amps, 415 volts, 3 phase, 4 wire colour coded aluminium TPN bus bar, after taking all derating factors.					
	Instruments					
	1 No 0-500 Volts, 96 sq.mm voltmeter with protection fuses and selector switch.					
	1 No 0-100 Amps, 96 sq.mm ammeter with 100/5A CT's and selector switch.					
	1 Set R Y B phase indicating lamps with fuses.					
	1 Lot of control wiring.					
	1 Set of designation plates.	each	1.00			
60	Sub Panels 125 A					
	Supplying, fixing, testing & commissioning the wall mounted, vermin proof, dust proof, indoor duty, industrial type double door with IP-45 protection, access from the front and shall have a lock on an outer door, These sub distribution boards are suitable for surface / recessed mounting as per standard specifications with details as follows i/c carriage of material in all leads, lifts & height as per the direction of Engineer-In charge. Legrand make or its equivalent.					
	1 Nos.125 Amps TPN feeder each having one number 3 phase 415 Volts, 50 Hz, 25 KA .					
	Outgoings					

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	05 Nos. 63 Amps FP MCB,10KA					
	06 Nos. 32 Amps FP MCB,10KA					
	Bus bar					
	1 set of 200 Amps, 415 volts, 3 phase, 4 wire colour coded aluminium TPN bus bar, after taking all derating factors.					
	Instruments					
	1 No Voltage, Current, 3 phase meter					
	1 Set R Y B phase indicating lamps with fuses.					
	1 Lot of control & powe wiring.					
	1 Set of designation plates.	each	3.00			
61	Supplying, Installation of 300x50x2mm G.I. Perforated wiremesh cable tray with suspended material, Coupler, etc. Legrand make or its equivalent.	mtr	25.00			
61	Supplying, Installation of 100x50x2mm G.I. Perforated wire mesh cable tray with suspended material, Coupler, etc. Legrand make or its equivalent.	mtr	25.00			
63	Fire Material ,For inspection of Chief Electrical Inspector, Mats, Fire Extinguishers, HT/LT Danger Plates, Framed Shock Treatment chart, First Aid Box etc	job	2.00			
64	Supplying and fixing of fancy brass Track light including suitable track/ channel of approved make Decorative compact energy efficient luminaire with anti-glare diffuser and electronic ballast suitable 24/36 LED of all sizes and shapes, complete with all accessories including making connections, testing etc. as required or equivalent as directed by site engineer (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent).	Each	50.00			
65	Supplying and fixing of fancy brass Picture light including suitablebase of all sizes and shapes of approved make Decorative compact energy efficient luminaire with anti-glare diffuser and electronic ballast suitable 12/24/36W LED of all	Each	14.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	sizes and shapes, complete with all accessories including making connections, testing etc. as required or equivalent as directed by site engineer (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent)					
66	Supplying and fixing of fancy step light including suitable base of all sizes and shapes of approved make Decorative compact energy efficient luminaire with anti-glare diffuser and electronic ballast suitable 3/5W LED of all sizes and shapes, complete with all accessories including making connections, testing etc. as required or equivalent as directed by site engineer (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent)	Each	42.00			
	Electrical (External)					
67	Supplying and fixing of LED projection light, 8W, CCT 2700K, CRI >85, SS finish, IP 67 luminaire, IP67 SS with high pressure die cast housing, housing acting as heat sink, with suitable hanging structure duly painted according to its size requirement complete with all accessories including making connections, testing etc. as required or as approved by site incharge (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent).	Each	30.00			
68	Supplying and fixing of pathway light, 3W, CCT-2700K, CRI>85, IP 68 luminaire 3W IP68 SS with high pressure die cast housing, housing acting as heat sink, with suitable mounting/ hanging structure duly painted according to its size requirement complete with all accessories including making connections, testing etc. as required or as approved by site incharge (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent).	Each	15.00			
69	Supplying and fixing of LED up light, 15W, 2700K, CRI>85, IP 68 luminaire 15W IP68 SS with high pressure die cast housing, housing acting as heat sink, with suitable mounting/ hanging structure duly painted according to its size requirement complete with all accessories including making connections, testing etc. as required or as approved by site incharge (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent).	Each	11.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
70	Supplying and fixing of LED down light 8W, CCT 2700 K, CRI>85, IP66, SS finish IP66 SSwith high pressure die cast housing, housing acting as heat sink, with suitable wall mounting/ hanging structure duly painted according to its size requirment complete with all accessories including making connections, testing etc. as required or as approved by site incharge (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent).	Each	30.00			
71	Providing and fixing of outdoor duty LED Wall washer Light 36W, CCT 2700K, CRI>85, IP 67, Pressure diecast Aluminum body for indoor/outdoor application with suitable mounting structure for installation in coves/facia/eaves board etc. including connections etc. complete in all respect as per direction of the Engineer In charge. The work involves assembly, fixing, connecting, commissioning and testing of the fixtures. The fitting will be complete with ballasts, LED lamps control wiring etc. complete in all respect including carriage of material in all leads, lifts and heights through mechanical or manual trasport (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent).	Each	7.00			
72	Providing and fixing of outdoor duty LED bollard light, 13W warm white, CRI>90, IP 66 , Pressure diecast Aluminum body, with epoxy cationic electro coating to improve the resistance to corrosion and saline environments, for outdoor application suitable for installing in gardens etc including excavation, PCC (1:2:4) alongwith pfoviding and fixing of anchor bolts complete as required. The work involves assembly, fixing, connecting, commissioning and testing of the fixtures. The fitting will be complete with ballasts, LED lamps control wiring etc. complete in all respect including carriage of material in all leads, lifts and heights through mechanical or manual transport (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent).	Each	10.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
73	Providing and fixing of outdoor duty LED 80W LED flood light, warm white, CRI>70, Grey finish, Pressure diecast aluminum body, Power factor>0.9, THD<15%, 60000 hrs life, IP66 for indoor/outdoor application with suitable mounting structure for installation in ceiling/wall/ coves/facia/eaves board etc. including connections etc. complete in all respect as per direction of the Engineer In charge. The work involves assembly, fixing, connecting, commissioning and testing of the fixtures. The fitting will be complete with ballasts, LED lamps control wiring etc. complete in all respect including carriage of material in all leads, lifts and heights through mechanical or manual transport (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent).	Each	15.00			
74	Providing and fixing of indoor/outdoor duty LED 15 W LED die cast aluminium luminare UV stablized smooth outside, dustproof, Pressure diecast aluminum body, Power factor>0.9, THD<15%, 50000 hrs life, IP65 Cat No: L70B50 make for indoor/outdoor application with suitable mounting structure for installation in ceiling/wall/ coves/facia/eaves board etc. including connections etc. complete in all respect as per direction of the Engineer In charge. The work involves assembly, fixing, connecting, commissioning and testing of the fixtures. The fitting will be complete with ballasts, LED lamps control wiring etc. complete in all respect including carriage of material in all leads, lifts and heights through mechanical or manual trasport (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent).	Each	10.00			
75	Supply, erection and testing of decorative heritage type ornamental pole with brakets and lamp fixture containing two no. 30/ 40W LED lamp on 3000mm high C.I. pole (DOUBLE ARM) for road side/ lawn lighting in position on M.S. base plate and padestal including excavation of pit and refilling the same with cement concrete of 1:3:6 /1:2:4 from the bottom of the flushing the ground level including supply and fixing of 2nos 2cX 6 sqmm AL.Armd cable gland, 1 no. 6 AMP. SP MCB with din bar	Each	62.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	arrangement and earthing links complete in all respect and two nos. 40 w LED lamp with one coat of paint Complete in all respect or as approved by site incharge (Make Disano-Fosnova/ Igguzini/ Zumtobel or equivalent).					
	Fire Fighting Works					
76	Providing and fixing stored pressure vessel ABC Powder type fire extinguishers consisting of seamless cylindrical body, squeeze lever discharge valve fitted with pressure indicating guage internal discharge tube, 30cms long high pressure discharge hoase, discharge nozzle, suspension bracket, confirming to IS: 13849 finished externally with red enamel paint and fixed to wall with brackets complete with internal charge. Ceasefire or its equivalent.					
	Capacity 5 Kg	Each	25.00			
	Capacity 10 Kg	Each	20.00			
	Fire Alarm System					
77	Supply, installation, testing and commissioning of UL listed/FM approved Intelligent Addressable Fire alarm control panel. The panel shall be networkable & expandable having required no. of loop for 850 addressable detectors & 200 addressable devices. The panel shall have 240 V AC power supply, automatic battery charger, 24 V SMF batteries sufficient for 24 hour in standby and 15 minutes in alarm complete as per specification. UL listed 6" Touch screen LCD display supporting smart degrade mode operation. UL listed 12 Amps inbuilt power supply with 70Ah capacity battery charge. UL Listed Lead Acid battery charging capacity for second dry power supply (MAKE: SIEMENS/ ANSUL/ SINTESO)	No.	1.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
78	Supply, Installation, Testing & commissioning of UL listed active Repeater Panel with Back lit LCD display to provide event information and LED display for status indication of Repeater panel (MAKE: SIEMENS/ ANSUL/ SINTESO)	No.	1.00			
79	Supply, Installation, Testing & commissioning of UL listed Intelligent Addressable Multi application multicriteria detector with responsiveness of photoelectric, thermal technology and false alarm resistance along with base. The detector shall have Tri color LED for Normal, Fault & Alarm condition. The detector shall have infrared Light Emitting Diode & photo sensing diode. The detector shall have facility to mount in different comprehensive environment like Hostile environment, Parking Garage, HVAC Ducts, Precious storage, Transformer rooms Ware house, Dormitory and normal working environments. Vendor to include suitable mounting box as required (MAKE: SIEMENS/ ANSUL/ SINTESO)	Nos.	99.00			
80	Supply, Installation, Testing & commissioning of UL listed Intelligent Analog Addressable Type Rate of Rise/Fixed Heat Detector with inbuilt turbo Isolator Complete with LED, addressing done by the FACP, complete with Mounting Base as required (MAKE: SIEMENS/ ANSUL/ SINTESO)	Nos.	8.00			
81	Supply, Installation, Testing & commissioning of UL listed Intelligent addressable Manual Call Point - Pull station, polarity insensitive technology complete as per specification (MAKE: SIEMENS/ ANSUL/ SINTESO)	Nos.	15.00			
82	Supply, Installation, Testing & commissioning of UL listed Multi Tone Hooter suitable for Alarm siren. It shall meet the audibility requirements for smoke alarms as specified in UL Listed Single and Multiple Station Smoke Alarms (MAKE: SIEMENS/ ANSUL/ SINTESO)	Nos.	5.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
83	Supply, Installation, Testing & commissioning of UL listed addressable Control cum Monitor Module (Independent Single Input & Single Output) polarity insensitive technology, in complete as per specification for AHUs, Hooter, Flow switches, third party system integration etc. (MAKE: SIEMENS/ ANSUL/ SINTESO)	Nos.	10.00			
84	Supply, Installation, Testing & commissioning of UL listed Fault Isolators complete as per specification. The fault isolator shall not occupy any address point in the loop.(MAKE: SIEMENS/ ANSUL/ SINTESO)	Nos.	25.00			
85	Supply, Installation, Testing & commissioning of UL listed base sounder having no additional addressing with a option of free configurable dual tone sounder having 2 out of 11 tonability selection. (MAKE: SIEMENS/ ANSUL/ SINTESO)	Nos.	5.00			
86	Supply, Installation, Testing & commissioning of Response Indicators outside the rooms for getting fire indications of detectors installed above false ceiling / for particular zone / for Loop devices / as a Panel to loop cable complete as required. (MAKE: SIEMENS/ ANSUL/ SINTESO)	Nos.	5.00			
87	Supply Installation, Testing & commissioning of PA system micro processor based operator console complete with 2 x 500 W channel mixing Amplifiers (One as hot standby) with 1 no cardoid gooseneck micro phone, 1 no CD Player deck MP3 format. A 10 zoon floor selector console a change over Panel for connection to the Fire Alarm Panel, a Mains Panel a standby battery of 25 Ah SMF of 2 x 12 Volts and a monitor panel all pre wired and rack mounted complete in all respects & as per specification. PA system shall be coupled to the Fire Alarm System. (MAKE: AURAL/ FGE/SIEMENS/SINTESO)	Nos.	5.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
88	Supply, Installation, Testing & commissioning of Talk back receiver complete as per specification (MAKE: AURAL/ FGE/SIEMENS)	Nos.	15.00			
89	Supply, Installation, Testing & commissioning of Ceiling/ Wall Mount Speaker with operations from 3 to 6 Watts (MAKE: AURAL/ FGE/SIEMENS/)	Nos.	18.00			
90	Supplying & Fixing of Energy saving display EXIT sign board Glass type specially designed for classic décor with excellent quality high efficiency and long life for single / both side display, well ventilated, powder coated having nominal size LED lamp, battery backup 6 hour to be installed on wall / ceiling etc. complete as required (MAKE: FGE/ LEGRAND/ ABB)	Nos.	20.00			
91	Providing & installing self glow signs luminescent U-1000 Alu. sheet with 2 mm thickness sheet on the wall / ceiling etc for the size of (14"x10", 10"x8") as reqd.(Make : Nightglow/FGE)	Sq.in	3000.00			
92	Supplying and laying of 1.1 KV Grade 2 X 1.5 sq.mm. copper cables on surface / conduit complete with clamps etc as reqd. (MAKE: GLOSTER/ GRANDLAY/ Havells)	Mtr.	250.00			
93	Supplying and laying of 4 x 1.5 sq.mm. PVC insulated PVC sheathed copper conductor armoured control cable of 1.1 KV grade complete as required. (From Main Fire Control Panel to the Repeater Panel) (MAKE: GLOSTER/ KALINGA/ GRANDLAY/ HYGLOW)	Mtr.	150.00			
94	Supplying and laying of 6 x 1.5 sq.mm. PVC insulated PVC sheathed copper conductor armoured control cable of 1.1 KV grade complete as required (MAKE: GLOSTER/ GRANDLAY/ Havells).	Mtr.	800.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
95	Providing and fixing of following size of black enameled MS conduit in recess / on surface including all accessories, proper saddling at every 1200 mm intervals and hooks, where imbedded in the wall, ms junction / pull boxes, gi fish wire, complete as required. Dieplast or its equivalent.					
	a) 40 mm dia Conduit	Mtr	120.00			
	b) 32 mm dia Conduit	Mtr	320.00			
	c) 25 mm dia Conduit	Mtr	650.00			
96	3KVA UPS on line, Double conversion, Microprocessor controlled, With LCD, Input Voltage: 230V Freq: 40-70HZ P.F.:0.95 Output: 220Volt \pm 2% Freq: 50HZ \pm 0.05HZ, P.F.: 0.8 With SMF Batteries for 30min backup on full load. (Make: EMERSON/ GUTOR/ MELINGERIN/ MITSUBISH)	Nos	1.00			
	CCTV & EPBAX Works					
97	Providing and fixing IP Bullet Outdoor Night Vision 12.0mm weather proof camera (Hikvision / samsung techwin make) Image Senser: 1/3" DIS, Resolution: 600TVL, Lens: Fixed 6 mm, LUX: 0.1, AGC: Auto, White Balance: Auto CODE matel body weather proof including three year maintance and as per direction of Engineer-incharge and specifications as required including carriage of material in all lead and lifts through mechanical and manual transport.	Each	10.00			
98	Providing, fixing IP Dome Night Vision Indoor 3.6/6.0mm cameras (Hikvision /samsung techwin make), Image Senser: 1/3" CCD, Resolution : 600TVL, Lens: Fixed 3.6, LUX: 0.1AGC: Auto, White Balance: Auto including three year maintance and as per direction of of Engineer-incharge and specifications as required including carriage of material in all lead and lifts through mechanical and manual transport. Samsung or its equivalent.	Each	10.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
99	Providing, fixing PTZ CAMERA Hikvision/samsung techwin make) Samsung speed dome 27X PTZ Camera including 3 year maintance as directed byf Engineer-incharge and specifications as required including carriage of material in all lead & lifts through mechanical & manual transport. Samsung or its equivalent.	Each	6.00			
100	Providing and fixing Everfocus 16 Channel DVR (Hikvision / samsung techwin make) Video Compression H.264, analog Video input 16-ch PAL/NTSC Adaptive Support, Video input interface BNC(1.0Vp-p, 75Ω), Audio Compression G.711, Audio input 1-ch, Audio, Two way audio 1 -ch RCA (2.0Vp-p, 1KΩ , input interface RCA (2.0 vp-p,1KΩ) including three year maintance and as per direction of Engineer-incharge and specifications as required including carriage of material in all lead and lifts through mechanical and manual transport.	Each	3.00			
101	Providing Power Supply ISI MARK including 3 year maintainance and as per direction of Engineer-incharge and specifications as required including carriage of material in all lead and lifts through mechanical and manual transport.	Each	15.00			
102	Providing BNC connector including 3 year maintance & as per direction of Engineer-incharge and specifications as required including carriage of material in all lead and lifts through mechanical and manual transport.	Each	150.00			
103	Providing DC Connector including three year maintance and as per direction of Engineer-incharge and specifications as required including carriage of material in all lead and lifts through mechanical and manual transport.	Each	150.00			
104	Providing and fixing LED SCREEN 32" INCH (81.28cm) (samsung /sony make) including three year maintance and as per direction of Engineer-incharge and specifications as required including carriage of material in all lead and lifts through mechanical and manual transport.	Each	2.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
105	Providing and fixing copper wiring for fixing of cameras in the existing PVC conduit etc as per requirement & three year maintenance and as per direction of Engineer-incharge and specifications as required including carriage of material in all lead and lifts through mechanical and manual transport.	Rmt	450.00			
106	Providing and fixing of 25mm diameter, PVC conduit pipe along with the accessories in surface /recessed including jointing, cutting or cutting in wall and making good the same incase of recessed conduit as per requirement including junction box and all other accessories complete Engineer-incharge and specifications as required including carriage of material in all lead and lifts through mechanical and manual transport.	Rmt	450.00			
107	Providing 2 TB hard Drive for DVR and connecting it to main system for storage all complete (Seagate/ Sony)	Each	2.00			
	EPBAX					
108	Providing commissioning and testing Digital EPABX matrix model ETERNITY GE 12 S expandable 96 ext 56 ext analog. Samsung or its equivalent.	each	1.00			
109	Providing commissioning and testing 8 nos co port 01 op console beetal cli phone	each	2.00			
110	Providing commissioning and testing mdf with ipm	each	6.00			
111	Providing commissioning and testing ups with battery with 4 hour back up	each	1.00			
112	Providing commissioning and testing Telephone instruments including carriage of material.	each	30.00			

Annexure - C

Sl. No.	Description of Item	Unit	Quantity	Unit Rate (INR)		Amount (INR)
				In Figures	In Words	
C	Electrical Installation					
	ELEVATOR / LIFT					
113	Supplying, Installation, Testing and Commissioning (SITC) of lift for vertical circulation (8 Nos. passenger with 2-3 stoppages), as per HP Lift act 2007 with lift car size 1860mm (W)X 1860mm (D) X2139mm (H) stainless steel make of SCHINDLEER/ OTIS/JONSAN/THYSEEN CROPP/, Model No 3300IN or equivalent, fully automatic, gearless and machine room less with pit depth of 1500mm for each as per code detail code IS norms & BOCW Rules 1998 with one year AMC as per drawing, design specifications and direction of Engineer in charge including carriage of materials upto all leads and lifts.	Each	1.00			
	Sub-Total (C – Electrical Installation)					
D	Total (A+B+C)					
E	Provisional Sum	-	-	12,00,000.00	Rupees Twelve Lakhs only	12,00,000.00
F	Total (D+E)					

The comparison of bid shall be done exclusive of provisional sum

Project Management Unit (PMU), IDIPT-HP
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