CE,Dy.CE acting for and on behalf of The President of India invites E-Tenders against Tender No **2026377212387** Closing Date/Time 03/12/2026 10:30 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work	(A) Proposed covering of Open Gantry area between G-Shed and H-Shed (2500Sqm Shed) with crane and Construction of Lean to Roof in Western side of G shed and Eastern side of H Shed in Shell Factory (B) Construction of 1125 sq.m stores shed inside shell factory (C) Provision of lift facility at AWTI (Civil works)		
Bidding type	Normal Tender		
Tender Type	Open	**Bidding System**	Single Packet System
Tender Closing Date Time	03/12/2026 10:30	**Date Time Of Uploading Tender**	07/11/2026 11:47
Pre-Bid Conference Required	No	**Pre-Bid Conference Date Time**	Not Applicable
Advertised Value	91362884.45	**Tendering Section**	CIVIL
Bidding Style	Single Rate for Each Schedule	**Bidding Unit**	
Earnest Money (Rs.)	1827300.00	**Validity of Offer (Days)**	60
Tender Doc. Cost (Rs.)	0.00	**Period of Completion**	12 Months
Contract Type	Works - General	**Contract Category**	Expenditure
Bidding Start Date	19/11/2026		
Are JV allowed to bid	No	**Number of JV Member Allowed**	0
Are Consortium allowed to bid	No	**Number of Consortium Member Allowed**	0
Ranking Order For Bids	Lowest to Highest	**Expenditure Type**	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A-Items covered under DSR 2021							51695690.60	Above/ Below/Par
1	Please see Item Breakup for details.				5815258.10	AT Par	5815258.10	
	Description:- 1125 sqm Shed							
2	Please see Item Breakup for details.				37657009.00	AT Par	37657009.00	
	Description:- 2500 sqm shed							
3	Please see Item Breakup for details.				3979489.12	AT Par	3979489.12	
	Description:- Lean to roof at western side of G Shed							
4	Please see Item Breakup for details.				3085227.47	AT Par	3085227.47	
	Description:- Lean to roof on the eastern side of H shed							
5	Please see Item Breakup for details.				1158706.91	AT Par	1158706.91	
	Description:- Provision of lift facility at AWTI							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B-Items not covered under DSR 2021							31464218.85	Above/ Below/Par
1	Please see Item Breakup for details.				17863314.00	AT Par	17863314.00	
	Description:- 1125 sqm Shed							
2	Please see Item Breakup for details.				12500656.00	AT Par	12500656.00	
	Description:- 2500 sqm shed							
3	Please see Item Breakup for details.				656059.30	AT Par	656059.30	
	Description:- Lean to roof at western side of G Shed							
4	Please see Item Breakup for details.				328573.55	AT Par	328573.55	

	Description:- Lean to roof on the eastern side of H shed				
5	Please see Item Breakup for details.	115616.00	AT Par	115616.00	
	Description:- Provision of lift facility at AWTI				

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () C-Items covered under DSR 2021							8202975.00	Above/ Below/Par
1	Please see Item Breakup for details.				2420550.00	AT Par	2420550.00	
	Description:- Supply of steel							
2	Please see Item Breakup for details.				5199700.00	AT Par	5199700.00	
	Description:- 2500 sqm shed							
3	Please see Item Breakup for details.				116545.00	AT Par	116545.00	
	Description:- Lean to roof at western side of G Shed							
4	Please see Item Breakup for details.				89650.00	AT Par	89650.00	
	Description:- Lean to roof on the eastern side of H shed							
5	Please see Item Breakup for details.				376530.00	AT Par	376530.00	
	Description:- Provision of lift facility at AWTI							

3. ITEM BREAKUP

Schedule	Schedule A-Items covered under DSR 2021					
Item- 1	1125 sqm Shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
	2.0	EARTH WORK				
	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
1	2.8.1	All kinds of soil.	cum	140	286.85	40159
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	100	253.95	25395
3	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	15	2161.2	32418
	4.0	CONCRETE WORK				
	4.1S	CEMENT CONCRETE (CAST IN SITU)				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
4	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	115	6833.4	785841
5	4.1.6	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources: 6 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	15	6670.25	100053.75
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
6	4.3.1	Foundations, footings, bases for columns	Sqm	50	307.95	15397.5

	5.0	REINFORCED CEMENT CONCRETE				
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
7	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	130	307.95	40033.5
8	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	160	608.35	97336
9	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	20	804.25	16085
	5.19S	ENCASING ROLLED STEEL SECTION				
10	5.19	Encasing rolled steel sections, in beams and columns, with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) including centering and shuttering complete but , excluding cost of reinforcement.	cum	25	14191.95	354798.75
11	5.21	Extra for providing and fixing expanded metal mesh of size 20x60 mm and strands 3.25 mm wide 1.6 mm thick weighing 3.64 kg per sqm for encasing of rolled steel sections in beams, columns and grillages, excluding cost of hangers.	Sqm	120	448.8	53856
	5.33S	DESIGN MIX CONCRETE				
	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
	5.33.1	All works upto plinth level				
12	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	180	8683.8	1563084
	5.33.2	All works above plinth level upto floor V level				
13	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	10	10306.2	103062
14	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	306	688.45	210665.7
	6.0	MASONRY WORK				
	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				

15	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	15	6658.25	99873.75
	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
16	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	100	8288.35	828835
	9.0	WOOD AND P.V.C. WORK				
	9.40S	MISCELLANEOUS-WOOD WORK				
	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
17	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	1000	197.7	197700
	11.0	FLOORING				
18	11.7	Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete.	cum	10	7958.65	79586.5
	12.0	ROOFING				
	12.1S	SHEET ROOFING				
19	12.11	Extra for providing and fixing wind ties of 40x 6 mm flat iron section.	Metre	250	163.65	40912.5
	13.0	FINISHING				
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
20	13.1.1	1:4 (1 cement: 4 fine sand)	Sqm	1100	294.85	324335
	13.44S	EXTERIOR FINISHING				
	13.44	Finishing walls with water proofing cement paint of required shade :				
21	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	1100	97.6	107360
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
22	13.61.1	Two or more coats on new work	Sqm	125	131.45	16431.25
	15.0	DISMANTLING AND DEMOLISHING				
	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
23	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	5	2007.1	10035.5
24	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	cum	5	2928.1	14640.5
	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
25	15.7.4	In cement mortar	cum	20	1698.45	33969
26	15.38	Dismantling expanded metal or I.R.C. fabrics with necessary battens and beading including stacking the serviceable material within 50 metres lead.	Sqm	20	62.5	1250

27	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	150	219.35	32902.5
	16.0	ROAD WORK				
	16.49S	MISCELLANEOUS				
28	16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achievethe desired density, complete as per specifications and directions of Engineer-in-Charge.	cum	100	2803.65	280365
	21.0	ALUMINIUM WORK				
	21.1	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, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
29	21.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	380	531.8	202084
	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / 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):				
30	21.3.1	With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	Sqm	88	1019.8	89742.4
	21.8	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.				

31	21.8.1	Upto 5mm depth and 5 mm width	Metre	200	85.25	17050
					Total	**5815258.10**
Item- 2	2500 sqm shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
	1.0	CARRIAGE OF MATERIALS				
	1.1	By Mechanical Transport including loading,unloading and stacking				
	1.1.11	Steel				
1	1.1.11.1	1km	Tonne	40	128.28	5131.2
	2.0	EARTH WORK				
	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
2	2.8.1	All kinds of soil.	cum	500	286.85	143425
3	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	500	253.95	126975
4	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	21	2161.2	45385.2
	4.0	CONCRETE WORK				
	4.1S	CEMENT CONCRETE (CAST IN SITU)				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
5	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	200	6833.4	1366680
6	4.1.6	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources: 6 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	22	6670.25	146745.5
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
7	4.3.1	Foundations, footings, bases for columns	Sqm	40	307.95	12318
	5.0	REINFORCED CEMENT CONCRETE				
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
8	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	335	307.95	103163.25
9	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	20	608.35	12167
	5.19S	ENCASING ROLLED STEEL SECTION				

10	5.19	Encasing rolled steel sections, in beams and columns, with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) including centering and shuttering complete but , excluding cost of reinforcement.	cum	85	14191.95	1206315.75
11	5.21	Extra for providing and fixing expanded metal mesh of size 20x60 mm and strands 3.25 mm wide 1.6 mm thick weighing 3.64 kg per sqm for encasing of rolled steel sections in beams, columns and grillages, excluding cost of hangers.	Sqm	410	448.8	184008
	5.33S	DESIGN MIX CONCRETE				
	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
	5.33.1	All works upto plinth level				
12	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	525	8683.8	4558995
	5.33.2	All works above plinth level upto floor V level				
13	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	2	10306.2	20612.4
14	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	265	688.45	182439.25
	6.0	MASONRY WORK				
	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
15	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	7	6658.25	46607.75
	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
16	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	40	8288.35	331534
	9.0	WOOD AND P.V.C. WORK				
	9.40S	MISCELLANEOUS-WOOD WORK				

	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
17	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	165	197.7	32620.5
	10.0	STEEL WORK				
18	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	72000	93.05	6699600
19	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	155000	111.95	17352250
20	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg	5700	88.5	504450
	10.25	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
21	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	3700	142.3	526510
	11.0	FLOORING				
22	11.7	Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete.	cum	10	7958.65	79586.5
	12.0	ROOFING				
	12.1S	SHEET ROOFING				
23	12.11	Extra for providing and fixing wind ties of 40x 6 mm flat iron section.	Metre	220	163.65	36003
	13.0	FINISHING				
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
24	13.1.1	1:4 (1 cement: 4 fine sand)	Sqm	500	294.85	147425
	13.44S	EXTERIOR FINISHING				
	13.44	Finishing walls with water proofing cement paint of required shade :				
25	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	1290	97.6	125904
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
26	13.61.1	Two or more coats on new work	Sqm	2500	131.45	328625
	13.63	Painting with aluminium paint of approved brand and manufacture to give an even shade .				
27	13.63.1	Two or more coats on new work	Sqm	6100	121.45	740845
	15.0	DISMANTLING AND DEMOLISHING				
	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
28	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	12	2007.1	24085.2

29	15.5	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	Sqm	80	947.1	75768
30	15.6	Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work.	Kg	9900	7.45	73755
31	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	Kg	40000	4.65	186000
32	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	610	219.35	133803.5
	16.0	ROAD WORK				
	16.49S	MISCELLANEOUS				
33	16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achievethe desired density, complete as per specifications and directions of Engineer-in-Charge.	cum	730	2803.65	2046664.5
	21.0	ALUMINIUM WORK				
	21.1	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, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	21.1.1	For fixed portion				
34	21.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	40	433.95	17358

	21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
35	21.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	40	531.8	21272
	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / 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):				
36	21.3.1	With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	Sqm	8	1019.8	8158.4
	21.8	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.				
37	21.8.1	Upto 5mm depth and 5 mm width	Metre	22	85.25	1875.5
	21.15	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete.				
38	21.15.1	Anodized (AC 15) aluminium	Each	12	73.55	882.6
	21.16	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge				
39	21.16.1	Anodized (AC 15) aluminium	Each	12	88.75	1065
					Total	**37657009.00**

Item- 3	Lean to roof at western side of G Shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
	1.0	CARRIAGE OF MATERIALS				
	1.1	By Mechanical Transport including loading,unloading and stacking				
	1.1.2	Earth				
1	1.1.2.5	5km	cum	62	271.45	16829.9
	1.1.11	Steel				
2	1.1.11.5	5km	Tonne	9	193.03	1737.27
	2.0	EARTH WORK				
	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
3	2.8.1	All kinds of soil.	cum	20	286.85	5737
4	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	5	253.95	1269.75

5	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	5	2161.2	10806
	4.0	CONCRETE WORK				
	4.1S	CEMENT CONCRETE (CAST IN SITU)				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
6	4.1.6	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources: 6 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	3	6670.25	20010.75
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
7	4.3.1	Foundations, footings, bases for columns	Sqm	6	307.95	1847.7
	5.0	REINFORCED CEMENT CONCRETE				
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
8	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	45	307.95	13857.75
	5.19S	ENCASING ROLLED STEEL SECTION				
9	5.19	Encasing rolled steel sections, in beams and columns, with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) including centering and shuttering complete but , excluding cost of reinforcement.	cum	2	14191.95	28383.9
10	5.21	Extra for providing and fixing expanded metal mesh of size 20x60 mm and strands 3.25 mm wide 1.6 mm thick weighing 3.64 kg per sqm for encasing of rolled steel sections in beams, columns and grillages, excluding cost of hangers.	Sqm	20	448.8	8976
	5.33S	DESIGN MIX CONCRETE				
	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
	5.33.1	All works upto plinth level				
11	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	9	8683.8	78154.2

	10.0	STEEL WORK				
12	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	11800	93.05	1097990
13	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	18000	111.95	2015100
14	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg	200	88.5	17700
	13.0	FINISHING				
	13.43	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :				
15	13.43.1	Water thinnable cement primer	Sqm	120	64.45	7734
	13.44S	EXTERIOR FINISHING				
	13.50	Applying priming coat:				
16	13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	Sqm	700	55.5	38850
17	13.50.4	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work (second coat)	Sqm	400	29.75	11900
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
18	13.61.1	Two or more coats on new work	Sqm	700	131.45	92015
	13.85	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.				
	13.87	White washing with lime to give an even shade :				
19	13.87.1	Old work (two or more coats)	Sqm	360	19	6840
	13.109	Finishing walls with water proofing cement paint of required shade :				
20	13.109.1	Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litrs/10 sqm complete including cost of Priming coat.	Sqm	120	94.15	11298
	15.0	DISMANTLING AND DEMOLISHING				
	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
21	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	20	2007.1	40142
22	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	cum	4	2928.1	11712.4
	15.17	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:				
23	15.17.1	R.S. Joists	Kg	500	2.8	1400
24	15.17.2	Channels, angles, tees and flats	Kg	1500	1.9	2850

25	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	Kg	600	4.65	2790
	15.28	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:				
26	15.28.1	G.S. Sheet	Sqm	180	136	24480
	15.43	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :				
27	15.43.1	Water bound macadam road	Sqm	30	179.65	5389.5
	16.0	ROAD WORK				
	16.49S	MISCELLANEOUS				
28	16.75	Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator , vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in-charge. (The panel shuttering work shall be paid for separately).(Note:- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/ recoverable separately).	cum	45	8277.55	372489.75
29	16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achievethe desired density, complete as per specifications and directions of Engineer-in-Charge.	cum	5	2803.65	14018.25
	18.0	WATER SUPPLY				
	18.59S	AIR VALVE & WATER METER (BULK TYPE)				
30	18.78	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.	Metre	100	171.8	17180
					Total	**3979489.12**

Item- 4	Lean to roof on the eastern side of H shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
	1.0	CARRIAGE OF MATERIALS				
	1.1	By Mechanical Transport including loading,unloading and stacking				
	1.1.2	Earth				
1	1.1.2.5	5km	cum	56	271.45	15201.2
	1.1.11	Steel				
2	1.1.11.5	5km	Tonne	9	193.03	1737.27
	2.0	EARTH WORK				

	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
3	2.8.1	All kinds of soil.	cum	12	286.85	3442.2
4	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	5	253.95	1269.75
5	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	5	2161.2	10806
	4.0	CONCRETE WORK				
	4.1S	CEMENT CONCRETE (CAST IN SITU)				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
6	4.1.6	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources: 6 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	2	6670.25	13340.5
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
7	4.3.1	Foundations, footings, bases for columns	Sqm	5	307.95	1539.75
	5.0	REINFORCED CEMENT CONCRETE				
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
8	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	30	307.95	9238.5
	5.19S	ENCASING ROLLED STEEL SECTION				
9	5.19	Encasing rolled steel sections, in beams and columns, with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) including centering and shuttering complete but , excluding cost of reinforcement.	cum	2	14191.95	28383.9
10	5.21	Extra for providing and fixing expanded metal mesh of size 20x60 mm and strands 3.25 mm wide 1.6 mm thick weighing 3.64 kg per sqm for encasing of rolled steel sections in beams, columns and grillages, excluding cost of hangers.	Sqm	20	448.8	8976
	5.33S	DESIGN MIX CONCRETE				

	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
	5.33.1	All works upto plinth level				
11	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	7	8683.8	60786.6
	10.0	STEEL WORK				
12	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	8200	93.05	763010
13	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	13500	111.95	1511325
14	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg	160	88.5	14160
	13.0	FINISHING				
	13.43	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :				
15	13.43.1	Water thinnable cement primer	Sqm	120	64.45	7734
	13.44S	EXTERIOR FINISHING				
	13.50	Applying priming coat:				
16	13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	Sqm	600	55.5	33300
17	13.50.4	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work (second coat)	Sqm	600	29.75	17850
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
18	13.61.1	Two or more coats on new work	Sqm	600	131.45	78870
	13.85	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.				
	13.87	White washing with lime to give an even shade :				
19	13.87.1	Old work (two or more coats)	Sqm	300	19	5700

	13.109	Finishing walls with water proofing cement paint of required shade :				
20	13.109.1	Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litrs/10 sqm complete including cost of Priming coat.	Sqm	120	94.15	11298
	15.0	DISMANTLING AND DEMOLISHING				
	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
21	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	20	2007.1	40142
22	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	cum	4	2928.1	11712.4
	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
23	15.7.4	In cement mortar	cum	2	1698.45	3396.9
	15.17	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:				
24	15.17.1	R.S. Joists	Kg	500	2.8	1400
25	15.17.2	Channels, angles, tees and flats	Kg	1500	1.9	2850
26	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	Kg	600	4.65	2790
	15.28	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:				
27	15.28.1	G.S. Sheet	Sqm	180	136	24480
	15.43	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :				
28	15.43.1	Water bound macadam road	Sqm	30	179.65	5389.5
	16.0	ROAD WORK				
	16.49S	MISCELLANEOUS				
29	16.75	Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator , vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in-charge. (The panel shuttering work shall be paid for separately).(Note:- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/ recoverable separately).	cum	45	8277.55	372489.75

30	16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achievethe desired density, complete as per specifications and directions of Engineer-in-Charge.	cum	5	2803.65	14018.25
	18.0	WATER SUPPLY				
	18.59S	AIR VALVE & WATER METER (BULK TYPE)				
31	18.78	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.	Metre	50	171.8	8590
					Total	**3085227.47**
Item- 5	Provision of lift facility at AWTI					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
	1.0	CARRIAGE OF MATERIALS				
	1.1	By Mechanical Transport including loading,unloading and stacking				
	1.1.2	Earth				
1	1.1.2.5	5km	cum	20	271.45	5429
2	1.1.2.6	Beyond 5 km upto 10 km per km	cum-km	20	19.35	387
	2.0	EARTH WORK				
	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
3	2.8.1	All kinds of soil.	cum	20	286.85	5737
4	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	3	2161.2	6483.6
	4.0	CONCRETE WORK				
	4.1S	CEMENT CONCRETE (CAST IN SITU)				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
5	4.1.6	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources: 6 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	3	6670.25	20010.75
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
6	4.3.1	Foundations, footings, bases for columns	Sqm	10	307.95	3079.5
	5.0	REINFORCED CEMENT CONCRETE				
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
7	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	10	307.95	3079.5

8	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	50	766.55	38327.5
9	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	60	608.35	36501
10	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	25	804.25	20106.25
	5.23S	MISCELLANEOUS				
11	5.23	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement : 3 fine sand).	Sqm	60	253.05	15183
	5.33S	DESIGN MIX CONCRETE				
	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
	5.33.1	All works upto plinth level				
12	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	15	8683.8	130257
	5.33.2	All works above plinth level upto floor V level				
13	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	18	10306.2	185511.6
14	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	8	688.45	5507.6
	6.0	MASONRY WORK				
	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
15	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	30	8288.35	248650.5
	9.0	WOOD AND P.V.C. WORK				
	9.1S	FRAMES AND TRUSSES				
	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
16	9.1.1	Second class teak wood	cum	.75	131576.95	98682.71
	9.16	Providing and fixing 25 mm thick shutters for cup board etc. :				

	9.20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
17	9.20.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	4	3086.1	12344.4
	9.22	Extra for Providing and fixing flush doors with decorative veneering instead of non decorative ISI marked flush door shutters conforming to IS: 2202 (Part I)				
18	9.22.1	On one side only	Sqm	4	408.05	1632.2
19	9.23	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	Sqm	4	401.4	1605.6
20	9.26	Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).	Sqm	4	93.65	374.6
	9.40S	MISCELLANEOUS-WOOD WORK				
21	9.53	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150 mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	Each	12	194.35	2332.2
	9.72S	BRASS FITTINGS				
22	9.76	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	2	723.8	1447.6
	9.95S	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)				
	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
23	9.96.2	250x16 mm	Each	2	234.9	469.8
	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
24	9.97.3	200x10 mm	Each	2	90.8	181.6
	9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
25	9.101.1	Single rubber stopper	Each	2	35.5	71
	13.0	FINISHING				
	13.4S	CEMENT PLASTER (IN COARSE SAND)				
	13.4	12 mm cement plaster of mix :				
26	13.4.1	1:4 (1 cement: 4 coarse sand)	Sqm	250	307.25	76812.5
	13.44S	EXTERIOR FINISHING				

	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				
27	13.47.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sqm	100	162.35	16235
	13.50	Applying priming coat:				
28	13.50.1	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	Sqm	4	61.45	245.8
	13.67	Varnishing with varnish of approved brand and manufacture :				
29	13.67.1	Two or more coats of glue sizing with copal varnish over an under coat of flatting varnish	Sqm	4	197.4	789.6
	13.83	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
30	13.83.2	Two coats	Sqm	550	121.55	66852.5
	13.85	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.				
31	13.85.3	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	Sqm	550	64.45	35447.5
	13.99	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
32	13.99.1	One or more coats on old work	Sqm	30	86.55	2596.5
	15.0	DISMANTLING AND DEMOLISHING				
	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
33	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	2	2007.1	4014.2
34	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	cum	2	2928.1	5856.2
	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
35	15.7.4	In cement mortar	cum	2	1698.45	3396.9
	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
36	15.12.1	Of area 3 sq. metres and below	Each	18	302.7	5448.6

37	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	10	219.35	2193.5
	20.0	PILE WORK				
	20.3	Boring with hydraulic piling rigs with power units, providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap) :				
38	20.3.3	450 mm dia piles	Metre	24	3545.2	85084.8
	20.4	Extra over single under ream for providing additional bulbs in under reamed piles, under specified diameter(only the nos. of extra bulbs are to be paid)				
39	20.4.3	450 mm dia piles	Each	4	2585.2	10340.8
					Total	**1158706.91**

Schedule	Schedule B-Items not covered under DSR 2021					
Item- 1	1125 sqm Shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
1	1	"Manufacture, supply & erection of pre-Engineered roof structure such as roof leg, roof girder,galvanized purlin, wind bracing at roof level, eaves bracings, canopy, struts, cleats, louver runners, cladding runners & other joineries, trims etc as per specification & approved drawing. The rate is inclusive of all contractors' materials, all taxes including Excise duty, CESS on ED and other charges, charged as levied as per provision laid down by the Central government and Freight & Transit insurance, tools & plant, labour, lead, lift, taxes, painting with 2 coats of synthetic enamel paint over a coat of red oxide primer etc. complete. The contractor shall not claim any other charges other than the quoted rate for the successful completion of work.The rate quoted shall be inclusive of contractor materials, labour, tools and plants, HT bolts & nuts, connecting to the roof leg with proper arrangement etc."	MT	90.00	147841.00	13305690.00

2	2	Providing and fixing permanently colour coated trapezoidal profiled sheet of depth 28-30mm at 195-205mm pitch distance with precisely engineered "Rib & Flute" design. Profiled sheets shall be min. 0.5mm TCT/0.45mm BMT high tensile zinc aluminium alloy coated zincalume / galvalume steel sheet (550 mpa yield strength) having a coating of mass of 150 gsm zinc-aluminium coating AZ-150 total on both sides as per AS 1397:1993 finished with 20 microns approved colour coating of Silicon Modified Polyester (SMP) / Super Polyester paint coat on exposed surface over a primer coat of 5 microns and a back coat of 5 microns on reverse side over a 5 microns primer coat. There shall be 2 small ribs/square flutes between profiles for providing additional strength. The sheet to be fixed over the purlins with hexagonal head self drilling suitable fasteners with neoprene / EPDM washer on crests of the sheet	Sqm	1250.00	768.00	960000.00
3	3	Providing & fixing of coloured galvalume plain sheet flashings at ridges / apex junctions of roofing cladding, cover / corner / barge pieces etc. in required shape, colour duly fixed with stitching screws (with EPDM washers etc. as per site requirement)601mm to 1200mm width (girth)	Metre	75.00	1008.00	75600.00
4	4	"Supply and fixing Poly carbonate corrugated sheets of required size matching the profile of Roof with one crest width including lip as side lap and 150 mm as longitudinal lap for each sheet with fixing accessories like GI 'J' / L bolts with washers / self drilling screws, cap and washers complete. The translucent sheets are made from 2 mm thick clear Polycarbonate sheets with a light transmitting capacity of 72% ± 5%. (Payment shall be made for laid area and no extra payment shall be made for over laps)"	Sqm	30.00	1919.00	57570.00
5	5	"Supply and Fixing of air roof vent (Twister type) - 500 system i.e. Neck diameter of 500 mm. The roof air vent should have high quality ball bearing with a main body of rust proof aluminium materials and extraction rate of vent should be less than 4695 M3/hr.The roof vent should have designed to meet AS2428 1-1993 to wind speeds of approx. 160 KM/Hr or higher side and to the entry of wind driven rain at a range of 2.5L/sec under cyclonic conditions The rate quoted shall be inclusive of contractor's materials, scaffolding, labour, tools and plant, lead and lift taxes, etc. complete. The roof vent shall be fixed such a way with match to roof sheet profile and same should be ensured that joints should be leak proof arrangement."	Numbers	6.00	14114.00	84684.00

6	6	Supply and laying of UPVC (Un-plasticized Poly Vinyl Chloride) rain water pipe of 4 kg. / sq.cm. Working pressure type 'A' of size 160 mm OD conforming to IS.13592 - 1992 and jointing with contractors materials. The rate quoted shall be inclusive of 40 x 6mm size MS clamps with bolt, nuts at every 1m or as approved by Engineer-in-charge as per site condition.	Metre	20.00	496.00	9920.00
7	7	Vacuum dewatering of all types & grades concrete by mechanical means including draining out the sucked excess water from concrete & then finishing the surface smooth with mechanical trowelling with suitable equipment etc. complete. The methodology to be adopted will be as per user manual of dewatering & trawling machine and as directed by Engineer.	Sqm	1125.00	14.00	15750.00
8	8	Carrying out mechanical trowelling of concrete surface so as to obtain smooth shrinkage cracks free surface. Methodology to be adopted as per users manual of the equipment & as directed by Engineer-in-charge.	Sqm	1125.00	22.00	24750.00
9	9	Providing Grooves of required size over the existing concrete floor duly cutting with special cutting machines at locations as specified including filling the groove with bituminous compound etc complete and as directed by the engineer-in-charge. The rate should be inclusive of all contractor's materials, lead, lift, tools and plants, labour, taxes etc. complete.	Metre	200.00	82.00	16400.00
10	10	Supply of End lock set with all in one (integrated) Tensioner cum shock absorber and Blue fall indicator colour EN 795 C and suitable for non crimping method of fixing the cable (ENDS-10)with MOC -SS 1.4301 II A /SS 304 and including Fall indicator clamp, blue conus made of anodised aluminium compatible with 8mm 7x7 SS cable with a overall size of 589 mm -65 mm approximate weight of 2830 g ,spring pre tension between 50 and 120 kg.of pattended product similar to INNOTECH including all taxes ,lead,lift, freight, packages, etc., complete. (set means 1 No at each extreme end of the cable)	Set	4.00	44169.00	176676.00
11	11	Supply of End Lock Fastening EB 10 with MOC -SS 1.4301 II A/SS 304 compatible with 12mm SS thread rod of the shock absorber ENDS 10, with a overall size of 56.50mmx56.50mmx6mm with a breaking strength of 37 KN, approximate weight of 300 g of with details similar to INNOTECH including all taxes, lead, lift. freight, packages, etc., complete.	Numbers	4.00	2831.00	11324.00
12	12	Supply of 90 Deg corner bends suitable for overhead application and enabling movement on bothsides of the cable with MOC 1.4301 II A/SS 304, with hexagonal bolts, nuts, washers etc compatible with 8mm 7x7 SS cable with a breaking strength of 30 KN of approximate size 115x103x35 mm with an approximate weight of 330 gms of product similar to INNOTECH including all taxes, lead, lift, freight, packages, etc., complete.	Numbers	2.00	28539.00	57078.00

13	13	Supply of Extension bush of MTANDT or similar . The rate quoted shall be inclusive of contractor's materials, scaffolding, labour, tools and plant, lead and lift taxes, etc. complete.	Numbers	4.00	3077.00	12308.00
14	14	Supply of Pass through Intermediate cable Brackets SZH-10 suitable for overhead application and enabling movement on both sides of the cable with MOC 1.4301 II A/SS 304, with hexagonal bolts, nuts, washers etc compatible with 8mm 7x7 SS cable with a breaking strength of 30 KN of approximate size 115x103x35 mm with an approximate weight of 330 gms of product similar to INNOTECH including all taxes, lead, lift, freight, packages, etc., complete.	Numbers	20.00	6030.00	120600.00
15	15	Supply of Roof post for intermediates suitable for overhead application and enabling movement on both sides of the cable with MOC 1.4301 II A/SS 304, with hexagonal bolts, nuts, washers etc compatible with 8mm 7x7 SS cable with a breaking strength of 30 KN of approximate size 115x103x35 mm with an approximate weight of 330 gms of product similar to INNOTECH including all taxes, lead, lift, freight, packages, etc., complete.	Numbers	20.00	24484.00	489680.00
16	16	Supply of Roof post for Ends and corners suitable for overhead application and enabling movement on both sides of the cable with MOC 1.4301 II A/SS 304, with hexagonal bolts, nuts, washers etc compatible with 8mm 7x7 SS cable with a breaking strength of 30 KN of approximate size 115x103x35 mm with an approximate weight of 330 gms of product similar to INNOTECH including all taxes, lead, lift, freight, packages, etc., complete.	Numbers	4.00	36296.00	145184.00
17	17	Supply of 8mm dia stranded SS Wire Rope of 7 x 7 construction made of SS 316 grade Stainless steel similar to product ref No.PN/9xxxs of M/s Karam Industries or equivalent suitable to withstand an operating temperature range of -40 c to +60 c ,having a minimum life span of 10 years. The SS wire rope shall have a minimum breaking strength of 25 KN and shall withstand a minimum static load of 10 KN for 3 minutes before reaching Unsafe working conditions. The rate quoted shall be inclusive of contractor materials, all taxes, lead, lift, transport and cost of SS fasteners required for fixing the system at roof top.	Metre	75.00	935.00	70125.00

18	18	Fixing the Life line assembly including end lock set with integrated tensioner cum shock absorber (ENDS-10), End lock fastening EB 10, pass through Intermediate cable Brackets SZH-10, Lifeline Cable duly providing necessary matching holes in the top chord of roof girder/tie member at an approximate height of 12 to 15 m from FL as per the approved procedure of INNOTECH or similar to, including all contractors labour, tools, plants, scaffolding, safety equipments, lifting devices, taxes etc complete. NOTE for item Nos. 8 & 9:- Items 1 to 7 shall compatible for interconnection with each other and shall suitable for fixing the horizontal lifeline system above roof top (Upto 18.0 m ht from FL) and payment for these items will be made only after the entire lifeline system is erected and duly certified by Engineer-in- Charge.	Metre	75.00	1053.00	78975.00
19	19	Providing & fixing fibre glass reinforced 90cm wide, 4mm thick valley gutter, having two coats of U/V stabilised gel coat as top coating giving glossy smooth surface; to be fixed with suitable clamp made of 25mm MS flat of 3mm thickness, provided at 1m interval, complete with required nuts/bolts. The rate quoted shall be inclusive of contractors materials, tools, labour, transportation, lead, lift & taxes etc., complete.	Metre	10.00	4998.00	49980.00
20	20	"Fabrication, supply and erection of Electrically functionable MS rolling shutter with MS lathe section, MS hood cover to cover the rolling shutter, specially designed MS pipe extension shaft rod with bracket for easy movement of shutter with Electrical motor with starter to operate electrically. The rolling shutter should be with Gear and Handle to operate in case of power failure. The detailed specification of both rolling shutter and Electrical motor are as follows:-I. Specification of rolling Shutter:a. Material specification of Shutter-IS 6248.b. Size of lathe section - 1.22mm x 75mm (18 SWG)c. Size of hood cover - 1.2mm thickII.Specification of motor:-a. Capacity - 1 HPb. Motor speed- 1440RPMc Volt-440Dd. Phase-III.The rate quoted shall be inclusive of contractor's materials, transportation, scaffolding, labour, tools and plant, lead and lift, taxes, One coat of primer and two coats of Aluminiuml paint etc. complete."	Sqm	60.00	7744.00	464640.00

21	21	Providing and fixing permanently colour coated trapezoidal profited sheet Louver of depth 28-30mm at 195-205mm pitch distance with precisely engineered "Rib & Flute" design. Profited sheets shall be min. 0.47mm TCT/0.45mm BMT high tensile zinc aluminium alloy coated zincalume / galvalume steel sheet (550 mpa yield strength) having a coating of mass of 150gsm zinc-aluminium coating AZ-150 total on both sides as per AS 1397:1993 finished with 20 microns approved colour coating of Silicon Modified Polyester (SMP) / Super Polyster paint coat on exposed surface over a primer coat of 5 microns and a back coat of 5 microns on reverse side over a 5 microns primer coat. There shall be 2 small ribs/square flutes between profiles for providing additional strength. The sheet to be fixed over the purlins with hexagonal head self drilling suitable fastners with neoprene / EPDM washer on crests of the sheet.	Sqm	330.00	2183.00	720390.00
22	22	Laying 15 mm thick hardened topping on concrete surface with 1 part metallic floor hardener, 4 parts cement and 9 parts by weight hard stone chips of size 6mm mixed and laid as per specifications	Sqm	1125.00	218.00	245250.00
23	23	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-35 with a minimum cement content 370 kg/m3 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by percussion drilling using Direct mud circulation (DMC) or Bailer and chisel technique by tripod and mechanical Winch Machine all complete, including dismantling of concrete, removal of excavated earth/slush /muck released from piles/dismantled concrete in pile upto cut off level with all its lifts and leads within railway/ICF premises. (length of pile for payment shall be measured up to bottom of pile cap).. Reinforcement shall be paid separately.The rate quoted is inclusive of all material, labour, tools,plants, consumables, transport, PPE, taxes etc complete.Note: 1. The detailed specification of work shall conform to relevant IS codes. 2. Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. The extra cement upto 10% will be paid under DSR. -450mm dia	Metre	350.00	1916.40	670740.00
					Total	**17863314.00**
Item- 2	2500 sqm shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**

1	1	"Supply and Fixing of air roof vent (Twister type) - 500 system i.e. Neck diameter of 500 mm. The roof air vent should have high quality ball bearing with a main body of rust proof aluminium materials and extraction rate of vent should be less than 4695 M3/hr.The roof vent should have designed to meet AS2428 1-1993 to wind speeds of approx. 160 KM/Hr or higher side and to the entry of wind driven rain at a range of 2.5L/sec under cyclonic conditions The rate quoted shall be inclusive of contractor's materials, scaffolding, labour, tools and plant, lead and lift taxes, etc. complete. The roof vent shall be fixed such a way with match to roof sheet profile and same should be ensured that joints should be leak proof arrangement."	Numbers	20.00	14114.00	282280.00
2	2	Supply of End lock set with all in one (integrated) Tensioner cum shock absorber and Blue fall indicator colour EN 795 C and suitable for non crimping method of fixing the cable (ENDS-10)with MOC -SS 1.4301 II A /SS 304 and including Fall indicator clamp, blue conus made of anodised aluminium compatible with 8mm 7x7 SS cable with a overall size of 589 mm -65 mm approximate weight of 2830 g ,spring pre tension between 50 and 120 kg.of pattended product similar to INNOTECH including all taxes ,lead,lift, freight, packages, etc., complete. (set means 1 No at each extreme end of the cable)	Set	4.00	44169.00	176676.00
3	3	Supply of End Lock Fastening EB 10 with MOC -SS 1.4301 II A/SS 304 compatible with 12mm SS thread rod of the shock absorber ENDS 10, with a overall size of 56.50mmx56.50mmx6mm with a breaking strength of 37 KN, approximate weight of 300 g of with details similar to INNOTECH including all taxes, lead, lift. freight, packages, etc., complete.	Numbers	4.00	2831.00	11324.00
4	4	Supply of 90 Deg corner bends suitable for overhead application and enabling movement on bothsides of the cable with MOC 1.4301 II A/SS 304, with hexagonal bolts, nuts, washers etc compatible with 8mm 7x7 SS cable with a breaking strength of 30 KN of approximate size 115x103x35 mm with an approximate weight of 330 gms of product similar to INNOTECH including all taxes, lead, lift, freight, packages, etc., complete.	Numbers	2.00	28539.00	57078.00
5	5	Supply of Extension bush of MTANDT or similar . The rate quoted shall be inclusive of contractor's materials, scaffolding, labour, tools and plant, lead and lift taxes, etc. complete.	Numbers	4.00	3077.00	12308.00
6	6	Supply of Pass through Intermediate cable Brackets SZH-10 suitable for overhead application and enabling movement on both sides of the cable with MOC 1.4301 II A/SS 304, with hexagonal bolts, nuts, washers etc compatible with 8mm 7x7 SS cable with a breaking strength of 30 KN of approximate size 115x103x35 mm with an approximate weight of 330 gms of product similar to INNOTECH including all taxes, lead, lift, freight, packages, etc., complete.	Numbers	26.00	6030.00	156780.00

7	7	Supply of Roof post for intermediates suitable for overhead application and enabling movement on both sides of the cable with MOC 1.4301 II A/SS 304, with hexagonal bolts, nuts, washers etc compatible with 8mm 7x7 SS cable with a breaking strength of 30 KN of approximate size 115x103x35 mm with an approximate weight of 330 gms of product similar to INNOTECH including all taxes, lead, lift, freight, packages, etc., complete.	Numbers	26.00	24484.00	636584.00
8	8	Supply of Roof post for Ends and corners suitable for overhead application and enabling movement on both sides of the cable with MOC 1.4301 II A/SS 304, with hexagonal bolts, nuts, washers etc compatible with 8mm 7x7 SS cable with a breaking strength of 30 KN of approximate size 115x103x35 mm with an approximate weight of 330 gms of product similar to INNOTECH including all taxes, lead, lift, freight, packages, etc., complete.	Numbers	6.00	36296.00	217776.00
9	9	Supply of 8mm dia stranded SS Wire Rope of 7 x 7 construction made of SS 316 grade Stainless steel similar to product ref No.PN/9xxxs of M/s Karam Industries or equivalent suitable to withstand an operating temperature range of -40 c to +60 c ,having a minimum life span of 10 years. The SS wire rope shall have a minimum breaking strength of 25 KN and shall withstand a minimum static load of 10 KN for 3 minutes before reaching Unsafe working conditions. The rate quoted shall be inclusive of contractor materials, all taxes, lead, lift, transport and cost of SS fasteners required for fixing the system at roof top.	Metre	220.00	935.00	205700.00
10	10	Fixing the Life line assembly including end lock set with integrated tensioner cum shock absorber (ENDS-10), End lock fastening EB 10, pass through Intermediate cable Brackets SZH-10, Lifeline Cable duly providing necessary matching holes in the top chord of roof girder/tie member at an approximate height of 12 to 15 m from FL as per the approved procedure of INNOTECH or similar to, including all contractors labour, tools, plants, scaffolding, safety equipments, lifting devices, taxes etc complete. NOTE for item Nos. 8 & 9:- Items 1 to 7 shall compatible for interconnection with each other and shall suitable for fixing the horizontal lifeline system above roof top (Upto 18.0 m ht from FL) and payment for these items will be made only after the entire lifeline system is erected and duly certified by Engineer-in- Charge.	Metre	220.00	1053.00	231660.00

11	11	Providing and fixing permanently colour coated trapezoidal profiled sheet of depth 28-30mm at 195-205mm pitch distance with precisely engineered "Rib & Flute" design. Profiled sheets shall be min. 0.5mm TCT/0.45mm BMT high tensile zinc aluminium alloy coated zincalume / galvalume steel sheet (550 mpa yield strength) having a coating of mass of 150 gsm zinc-aluminium coating AZ-150 total on both sides as per AS 1397:1993 finished with 20 microns approved colour coating of Silicon Modified Polyester (SMP) / Super Polyester paint coat on exposed surface over a primer coat of 5 microns and a back coat of 5 microns on reverse side over a 5 microns primer coat. There shall be 2 small ribs/square flutes between profiles for providing additional strength. The sheet to be fixed over the purlins with hexagonal head self drilling suitable fasteners with neoprene / EPDM washer on crests of the sheet	Sqm	3100.00	768.00	2380800.00
12	12	Providing & fixing of coloured galvalume plain sheet flashings at ridges / apex junctions of roofing cladding, cover / corner / barge pieces etc. in required shape, colour duly fixed with stitching screws (with EPDM washers etc. as per site requirement)601mm to 1200mm width (girth)	Metre	220.00	1008.00	221760.00
13	13	"Supply and fixing Poly carbonate corrugated sheets of required size matching the profile of Roof with one crest width including lip as side lap and 150 mm as longitudinal lap for each sheet with fixing accessories like GI 'J' / L bolts with washers / self drilling screws, cap and washers complete. The translucent sheets are made from 2 mm thick clear Polycarbonate sheets with a light transmitting capacity of 72% ± 5%. (Payment shall be made for laid area and no extra payment shall be made for over laps)"	Sqm	60.00	1919.00	115140.00
14	14	Providing & fixing fibre glass reinforced 90cm wide, 4mm thick valley gutter, having two coats of U/V stabilised gel coat as top coating giving glossy smooth surface; to be fixed with suitable clamp made of 25mm MS flat of 3mm thickness, provided at 1m interval, complete with required nuts/bolts. The rate quoted shall be inclusive of contractors materials, tools, labour, transportation, lead, lift & taxes etc., complete.	Metre	220.00	4998.00	1099560.00
15	15	Supply and laying of UPVC (Un-plasticized Poly Vinyl Chloride) rain water pipe of 4 kg. / sq.cm. Working pressure type 'A' of size 160 mm OD conforming to IS.13592 - 1992 and jointing with contractors materials. The rate quoted shall be inclusive of 40 x 6mm size MS clamps with bolt, nuts at every 1m or as approved by Engineer-in-charge as per site condition.	Metre	150.00	496.00	74400.00

16	16	"Laying of 60kg/52kg/90R crane rails to correct level and alignment over the crane girders at an approx. height of 6m to 11m from shop floor level and fixing with necessary bolts and nuts, washers, MS clips etc complete with contractor's labour, tool, plants, scaffolding, lead, lift, pulley,crane etc complete. The rate quoted shall also be inclusive of cutting the rails to required size, drilling holes as per drawing, supply of nut, bolt & washers etc., leading the rails from SSE/P.way yard etc complete. The crane rails have to be painted with one coat of linseed oil.Note - only 60kg/52kg / 90R rail, fish plate & bolts and nuts for fish plate only will be supplied free by the Rly,s."	Metre	240.00	1078.00	258720.00
17	17	Removing the extg., Railway's crane girder and Crane rails at a height of 6m to 10m above shop floor level with contractors labour,mechanical equipment like pulleys, crane, chains,PPE etc., complete. The crane girder shall be removed from extg., columns , bolts,nuts, washers, welding as required at site. The cost is inclusive of transporting the removed crane girder and crane rail up to a lead of 100m for proper stacking. The rate quoted shall be inclusive of all the above activities etc complete. as per instructions of Engineer in charge.	Kg	95000.00	15.00	1425000.00
18	18	Erecting Railway's crane girder of 12.25m span at a height of 6m to 10m above shop floor level with contractors labour,mechanical equipment like pulleys, crane, chains,PPE etc., complete. The crane girder shall be fixed over columns with bolts,nuts, washers, welding as required at site. The cost is inclusive of transporting the crane girder up to a lead of 100m. The rate quoted shall inclusive all the above activities etc complete as per instructions of Engineer in charge.	Kg	85000.00	19.00	1615000.00
19	19	"Fabrication, supply and erection of Electrically functionable MS rolling shutter with MS lathe section, MS hood cover to cover the rolling shutter, specially designed MS pipe extension shaft rod with bracket for easy movement of shutter with Electrical motor with starter to operate electrically. The rolling shutter should be with Gear and Handle to operate in case of power failure. The detailed specification of both rolling shutter and Electrical motor are as follows:-I. Specification of rolling Shutter:a. Material specification of Shutter-IS 6248.b. Size of lathe section - 1.22mm x 75mm (18 SWG)c. Size of hood cover - 1.2mm thickII.Specification of motor:-a. Capacity - 1 HPb. Motor speed- 1440RPMc Volt-440Dd. Phase-III.The rate quoted shall be inclusive of contractor's materials, transportation, scaffolding, labour, tools and plant, lead and lift, taxes, One coat of primer and two coats of synthetic enamel paint etc. complete."	Sqm	55.00	7744.00	425920.00

20	20	Provision of Epoxy based heavy duty flooring in floor area by application of epoxy coating (5mm total thickness.,) which includes surface preparation using grinding machine, scarification along with vacuum cleaning, followed by through water wash as required at site, supply and application of solvent free primer 2mm thickness, applying free flow Epoxy Screed 2mm thickness, solvent free pigmented Epoxy self levelling floor topping 1mm thickness with a total thickness of 5mm. and the colour shall be leaf green flooring with golden yellow line marking on both sides.The rate is inclusive of all materials, labour, tools, plants, transportation and taxes etc., complete	Sqm	250.00	1268.00	317000.00
21	21	Providing Grooves of required size over the existing concrete floor duly cutting with special cutting machines at locations as specified including filling the groove with bituminous compound etc complete and as directed by the engineer-in-charge. The rate should be inclusive of all contractor's materials, lead, lift, tools and plants, labour, taxes etc. complete.	Metre	1000.00	82.00	82000.00
22	22	Vacuum dewatering of all types & grades concrete by mechanical means including draining out the sucked excess water from concrete & then finishing the surface smooth with mechanical trowelling with suitable equipment etc. complete. The methodology to be adopted will be as per user manual of dewatering & trawling machine and as directed by Engineer.	Sqm	2500.00	14.00	35000.00
23	23	Carrying out mechanical trowelling of concrete surface so as to obtain smooth shrinkage cracks free surface. Methodology to be adopted as per users manual of the equipment & as directed by Engineer-in-charge.	Sqm	2500.00	22.00	55000.00
24	24	Demolishing RCC pile caps in any thickness and size by using Hydraulic concrete crusher machine by crushing the pile cap concrete without damaging the extg pile and cutting of steel bar as per direction of Engineer - in - charge. The rate quoted shall be inclusive of contractors materials, tools, labour, transportation,lead,lift & taxes etc., complete.	cum	90.00	3619.00	325710.00
25	25	Providing, hoisting and fixing in position upto floor two level M-25 Grade precast RCC Gutter of size 600mmx450mmx75mm including setting in cement mortar 1:3 (1 cement : 3 coarse sand) and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete including cost of centering, shuttering, finishing, admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability, including cost of cement and steel reinforcement, as per approved plan & direction of Engineer incharge. The rate quoted shall be inclusive of contractors materials, tools, labour, transportation, lead, lift & taxes etc., complete.	cum	27.00	10104.00	272808.00

26	26	Supply of High tensile, 8.8 grade Zinc Galvanised Hex bolts and nuts of sizes 12/16/20mm with required flats and spring washers etc. The rate is inclusive of all materials, lead, lift & taxes etc., complete.	Kg	1700.00	183.00	311100.00
27	27	Laying 15 mm thick hardened topping on concrete surface with 1 part metallic floor hardener, 4 parts cement and 9 parts by weight hard stone chips of size 6mm mixed and laid as per specifications	Sqm	2650.00	218.00	577700.00
28	28	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-35 with a minimum cement content 370 kg/m3 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by percussion drilling using Direct mud circulation (DMC) or Bailer and chisel technique by tripod and mechanical Winch Machine all complete, including dismantling of concrete, removal of excavated earth/slush /muck released from piles/dismantled concrete in pile upto cut off level with all its lifts and leads within railway/ICF premises. (length of pile for payment shall be measured up to bottom of pile cap).. Reinforcement shall be paid separately.The rate quoted is inclusive of all material, labour, tools,plants, consumables, transport, PPE, taxes etc complete.Note: 1. The detailed specification of work shall conform to relevant IS codes. 2. Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. The extra cement upto 10% will be paid under DSR. - 450mm dia	Metre	480.00	1916.40	919872.00
					Total	**12500656.00**

Item- 3	Lean to roof at western side of G Shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
1	1	Keeping holes for holding down bolts in foundation blocks or bed blocks. The rate quoted shall be inclusive of tools, labour, transportation, lead,lift and taxes etc complete	Each	40.00	79.00	3160.00
2	2	Grouting of holding down bolts with Cement mortar in foundation blocks or bed blocks. The rate quoted shall be inclusive of contractors materials, tools, labour, transportation, lead,lift &taxes etc complete.	Each	40.00	68.00	2720.00

3	3	Providing and fixing permanently colour coated trapezoidal profiled sheet of depth 28-30mm at 195-205mm pitch distance with precisely engineered "Rib & Flute" design. Profiled sheets shall be min. 0.5mm TCT/0.45mm BMT high tensile zinc aluminium alloy coated zincalume / galvalume steel sheet (550 mpa yield strength) having a coating of mass of 150 gsm zinc-aluminium coating AZ-150 total on both sides as per AS 1397:1993 finished with 20 microns approved colour coating of Silicon Modified Polyester (SMP) / Super Polyester paint coat on exposed surface over a primer coat of 5 microns and a back coat of 5 microns on reverse side over a 5 microns primer coat. There shall be 2 small ribs/square flutes between profiles for providing additional strength. The sheet to be fixed over the purlins with hexagonal head self drilling suitable fasteners with neoprene / EPDM washer on crests of the sheet	Sqm	820.00	768.00	629760.00
4	4	Supply & fixing of coloured galvalume plain sheet flashings at ridges/apex junctions of roofing cladding,cover/corner/barge pieces etc in required shape colour duly fixed with stitching screws (with EDPM washers etc as per site requirement)Up to 600mm width (girth)	Metre	14.00	749.95	10499.30
5	5	Supply and laying of UPVC (n plasticized Poly Vinyl Chloride) rain water pipe of 4 kg/sq,cm working pressure type "A" of size 160mm OD conforming to IS.13592-1992 and jointing with contactors materials.The rate quoted shall be inclusive of 40 x 6mm size MS clamps with bolts,nuts at every 1m or as approved by Engineer-in-charge as per site condition.	Metre	20.00	496.00	9920.00
					Total	**656059.30**

Item- 4	Lean to roof on the eastern side of H shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
1	1	Keeping holes for holding down bolts in foundation blocks or bed blocks. The rate quoted shall be inclusive of tools, labour, transportation, lead,lift and taxes etc complete	Each	32.00	79.00	2528.00
2	2	Grouting of holding down bolts with Cement mortar in foundation blocks or bed blocks. The rate quoted shall be inclusive of contractors materials, tools, labour, transportation, lead,lift &taxes etc complete.	Each	32.00	68.00	2176.00

3	3	Providing and fixing permanently colour coated trapezoidal profiled sheet of depth 28-30mm at 195-205mm pitch distance with precisely engineered "Rib & Flute" design. Profiled sheets shall be min. 0.5mm TCT/0.45mm BMT high tensile zinc aluminium alloy coated zincalume / galvalume steel sheet (550 mpa yield strength) having a coating of mass of 150 gsm zinc-aluminium coating AZ-150 total on both sides as per AS 1397:1993 finished with 20 microns approved colour coating of Silicon Modified Polyester (SMP) / Super Polyester paint coat on exposed surface over a primer coat of 5 microns and a back coat of 5 microns on reverse side over a 5 microns primer coat. There shall be 2 small ribs/square flutes between profiles for providing additional strength. The sheet to be fixed over the purlins with hexagonal head self drilling suitable fasteners with neoprene / EPDM washer on crests of the sheet	Sqm	400.00	768.00	307200.00
4	4	Supply & fixing of coloured galvalume plain sheet flashings at ridges/apex junctions of roofing cladding,cover/corner/barge pieces etc in required shape colour duly fixed with stitching screws (with EDPM washers etc as per site requirement)Up to 600mm width (girth)	Metre	9.00	749.95	6749.55
5	5	Supply and laying of UPVC (n plasticized Poly Vinyl Chloride) rain water pipe of 4 kg/sq,cm working pressure type "A" of size 160mm OD conforming to IS.13592-1992 and jointing with contactors materials.The rate quoted shall be inclusive of 40 x 6mm size MS clamps with bolts,nuts at every 1m or as approved by Engineer-in-charge as per site condition.	Metre	20.00	496.00	9920.00
					Total	**328573.55**
Item- 5	Provision of lift facility at AWTI					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
1	1	Supply and fixing window zebra blinds in high strength plastic.The clutch is wrap spring design.The spring provided to transmit the driving and driven members of clutch.Clutch is operated directly using endless chain.Fabric - 100% polyester with heat finished,made of solid 100mm/sheer 80mm.The rate is inclusive of all material,labour,lead,lift,taxes etc complete.	Sqm	32.00	3613.00	115616.00
					Total	**115616.00**
Schedule	Schedule C-Items covered under DSR 2021					
Item- 1	Supply of steel					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
	5.0	REINFORCED CEMENT CONCRETE				
	5.22S	STEEL REINFORCEMENT				
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	27000	89.65	2420550
					Total	**2420550.00**
Item- 2	2500 sqm shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**

	5.0	REINFORCED CEMENT CONCRETE				
	5.22S	STEEL REINFORCEMENT				
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	58000	89.65	5199700
					Total	**5199700.00**
Item- 3	Lean to roof at western side of G Shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
	5.0	REINFORCED CEMENT CONCRETE				
	5.22S	STEEL REINFORCEMENT				
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	1300	89.65	116545
					Total	**116545.00**
Item- 4	Lean to roof on the eastern side of H shed					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
	5.0	REINFORCED CEMENT CONCRETE				
	5.22S	STEEL REINFORCEMENT				
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	1000	89.65	89650
					Total	**89650.00**
Item- 5	Provision of lift facility at AWTI					
S No.	**Item No**	**Description of Item**	**Unit**	**Qty**	**Rate**	**Amount**
	5.0	REINFORCED CEMENT CONCRETE				
	5.22S	STEEL REINFORCEMENT				
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	4200	89.65	376530
					Total	**376530.00**

4. ELIGIBILITY CONDITIONS

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of "V/N" or 'V' which ever is less, where V= Advertised value of the tender in crores of Rupees N= Number ofyears prescribed for completion ofwork for which bids have been invited. The average annual contractual tumover shall be calculated as an average of 'total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, tho audited balance sheet of the fourth previous year shall be considered for calculating average annual bontractual turnover. The tenderers shall submit requisite information as per Annexure-VIB, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender. Note for Item 10.1: Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- Any Civil Engineering works involving construction of Industrial workshop inside factory premises with fabrication, supply and erection PEB of 90T and structural steel of 277.50 T with pile foundation.	No	No	Not Allowed

Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.

S.No.	Description

1	**Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.** Please submit a certificate in the prescribed format (please download the format from the link given below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. **(Click here** to download the Format of Self Certification)

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	SPECIAL CONDITION FOR GST-•The details of supply of Goods & Services are subject to GST rules applicable with effect from 01.07.2017.	No	No	Not Allowed
2	Special Conditions for GST-All the Tenderers are requested to submit their "GSTIN" registration numbers at the time of tendering or at the time of submitting their invoice without which, payment will not be made.	No	No	Not Allowed
3	The materials should be supplied as per the approved make list mentioned in the tender document	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please furnish Statement of works on hand	Yes	No	Allowed (Mandatory)
2	Please furnish list of plant and Machinery available on hand own and proposed to be inducted own and hired to be given separately for the subject work.	Yes	No	Allowed (Mandatory)
3	Please furnish list of personal, organization available on hand and proposed tobe engaged for the subject work.	Yes	No	Allowed (Mandatory)
4	Please furnish list of Works completed in last three financial years giving Description of Work, Organization for whom executed, approximate value of contract at time of award, Date of award and Date of Completion. Date of actual Start, Actual Completion and Final value of Contract	Yes	No	Allowed (Mandatory)
5	All documents related to Partnership deed/Joint venture/ Consortium/ MOU, duly signed by the notary public, should be uploaded at the time of submission of bid failing which offer will be summarily rejected.	Yes	Yes	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed
2	I/We have read the various conditions to tender attached hereto and agree to abide by the said conditions	No	No	Not Allowed
3	Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.	No	No	Not Allowed

4	I/We also hereby agree to abide by the Indian Railways Standard General Conditions Of Contract, with all correction slips upto the date of tender opening and to carry out the work according to the Special Conditions of Contract and Specifications of materials and works as laid down by Railway in the annexed Special Conditions/Specifications, Schedule of Rates with all correction slips up to date for the present contract.	No	No	Not Allowed
5	I/We offer to do the work for Indian Railways, at the rates quoted in the attached schedule and hereby bind myself/ourselves to complete the work in all respects within the period of completion stipulated in the tender document, from the date of issue of letter of acceptance of the tender. The amount as stipulated in the tender document is herewith forwarded as Earnest Money. Full value of the earnest Money shall stand forfeited without prejudice to any other right or remedies in case my/our Tender is accepted and if : (a)I/We do not execute the contract documents as stipulated in performance guarantee clause of GCC as detailed in general instructions. (b)I/We do not commence the work within seven days after receipt of orders to that effect.	No	No	Not Allowed
6	I/We hereby Confirm that the rates, rebates and/or other financial terms, if any, quoted by us in the relevant fields of the Financial Bid page will only be the ruling terms for deciding the inter-se ranking, and any such condition having financial repercussions, if quoted by us anywhere else including attached documents shall not be considered for deciding inter-se ranking. However, Railways shall have the right to incorporate any such condition quoted by us, in the contract, at their discretion, if contract is placed on us.	No	No	Not Allowed
7	I/We have read the various conditions attached/ referred to in this tender document, and agree to abide by the said conditions.	No	No	Not Allowed
8	I/We also agree to keep this tender open for acceptance for a period as mentioned in the tender document	No	No	Not Allowed
9	This tender complies with Public Procurement Policy Order -2017 dated 15.06.17	No	No	Not Allowed
10	The salaries / wages to your staff /workers/ labourers should be disbursed only through Banks and the proof for the same ie. The Bank pass books in the name of your staff / workers/ labourers should be submitted to this office for verification. This arrangement should be done with immediate effect.	No	No	Not Allowed
11	I/We agreed to supply the materials as per the makes specified under "Civil Engineering materials makes list"	No	No	Not Allowed
12	I agree to supply the material as per the approved make list mentioned in the tender document.	No	No	Not Allowed

13	A.Contractor is to abide by the provisions of Payment of Wages act & Minimum Wages act in terms of clause 54 and 55 of Indian Railways General Condition of Contract. In order to ensure the same, an application has been developed and hosted on website 'www.shramikkalyan.indianrailways.gov.in' . Contractor shall register his firm/Company etc. and upload requisite details of labour and their payment in this portal. These details shall be available in public domain. The Registration / Updation of portal shall be done as under: (a) Contractor shall apply for onetime registration of his company/firm etc. in the shramikkalyan portal with requisite details subsequent to issue of Letter of Acceptance. Engineer shall approve the contractor's registration on the portal within 7 days of receipt of such request. (b) Contractor once approved by any Engineer, can create password with Login ID (PAN No.) for subsequent use of Portal for all LoAs issued in his favour. (c) The contractor once registered on the portal, shall provide details of his Letter of Acceptances (LoA) / Contract Agreements on shramikkalyan portal within 15 days of issue of any LoA for approval of concerned engineer. Engineer shall update (if required) and approve the details of LoA filled by contractor within 7 days of receipt of such request. (d) After approval of LoA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on shramikkalyan portal on monthly basis. (e) It shall be mandatory upon the contractor to ensure correct and prompt uploading of all salient details of engaged contractual labour& payments made thereof after each wage period. B. While processing payment of any 'On account bill' or 'Final bill' or release of 'Advances' or 'Performance Guarantee / Security Deposit', contractor shall submit a certificate to the Engineer or Engineer's representatives that "I have uploaded the correct details of contract labours engaged in connection with this contract and payments made to them during the wage period in Railway's shramikkalyan portal at 'www.shramikkalyan.indianrailways.gov.in' till _____ Month, _____ Year."	No	No	Not Allowed
14	I have understood that there is an option to take payment through Letter of credit from Indian Railways	No	No	Not Allowed
15	I/We agree to engage police verified labourers/employees and if any new person to be engaged I/we will submit proof of police verification application for issuing temporary permission. I/We will ensure to arrange police verification report within permissible period i.e one month for person from Tamilnadu and 3 months for persons from other states.	No	No	Not Allowed
16	I agree to execute work/part of the work in any location in ICF estate as directed by the Engineer-in-charge as per the requirements of Railways. No claim for extra payment will be made on this account.	No	No	Not Allowed

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	All fabricated steel structures including both conventional/PEB structures is to be procured from RDSO approved fabricators only. All the structural painting works including both primer and enamel coating also to be carried out in the RDSO approved workshops only.	No	No	Not Allowed
2	Performance Guarantee:- If a tender is accepted on the quoted rates of bidder which is below the advertised tender value, an additional performance security shall be submitted by the bidder as below: Bid quoted in % of advertised costAdditional Performance Guarantee (%) Below 0% - 5% (inclusive) Nil Below 5% - 5%	Yes	Yes	Not Allowed
3	Maintenance period - 12 months	Yes	No	Not Allowed
4	All the labourers should be in distinctive uniform while executing the work at site. failing which, the labourers will not be allowed to work.	Yes	Yes	Not Allowed

5	The contractor should ensure to engage police verified labourers/employees if any person to be engaged by contractor he has to submit proof of police verification application for issuing temporary permission like present permit system. However, contractor has to arrange police verification report within permissible period i.e one month for person from Tamilnadu and 3 months for persons from other states.	Yes	Yes	Not Allowed
6	If required, the subject work/part of the work has to be executed in any location in ICF estate as directed by the Engineer-in-charge as per the requirements of Railways. No extra payment will be made on this account.	No	No	Not Allowed
7	As per Rules of the contract Labour (Regulation & Abolition) Central Amendment Rules, 2017 and as modified from time to time 'Every Contractor shall upload or file the report to the concerned authority manually in a unified Annual return in the form XXIV on the web portal of the Ministry of Labour and Employment.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	scopeofwork-shed.pdf	Scope of work
2	Conservancycharges.pdf	Conservancy Charges
3	JPOfortemporaryelectricalpowersupply.pdf	JPO for Electrical power supply
4	GCC2022_merged1_compressed1.pdf	GCC Correction Slips
5	jpo_1.pdf	Electrical JPO
6	Completebiddocument.pdf	Complete Bid Document
7	Additionalsafetyaspects.pdf	Additional safety aspects
8	Approvedlist.pdf	Approved List of Brands

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: RAVI K

Designation : XENShell