

1. Contractor's Bid (Declaration Form)

Notes on Form of Contractor's Bid: The Bidder shall fill in and submit this Bid form with the Bid.

Name of Work: *Construction of Foundations and Site Development Work for Telecommunication Structures for 2024 Phase-II Sites at Janbgtey, Yangtsena, Jagarthang and Damji Zam (pkg-6)*

To
Managing Director,
Tashi InfoComm Private Ltd.
Thimphu Bhutan

Having examined all the Conditions of Contract, Specification, Drawings, and Bill of Quantities and addenda Nos. _____
or the execution of the above-named Works, we offer to execute and complete such works in accordance with the Conditions of Contract
accompanying this Bid for the Contract Price of Nu.....

[Ngultrum.....]
.....]

This Bid and your written acceptance of it shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Bid you receive.

We undertake, if our Bid is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Employer's notice to proceed, and to complete the whole of the Works comprised in the Contract within the durations mentioned in the standard bidding document.

We agree to abide by this Bid for the period of 90 days from the date fixed for receiving the same, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Unless and until a formal Agreement is prepared and executed this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

In case if I withdraw my bid after opening for whatsoever reasons, I agree to forfeit submitted 2% bid security amount as specified in table, clause 1 and also I shall be bound to pay the cost difference (positive) between my bid with that of the next lowest evaluated bidder and failure on my part to do so within 14 days from the date of notification by the employer, will authorize the client to debar my firm for a period of 2 years or more.

Authorized Signature:
(Affix Legal Stamp)

Name and Title of Signatory:

Name of Bidder:

Address:

Contact no (mandatory):

BoQ for 35m Tower (Site development,Tower foundation,Solar foundation and APM Plinth)- Tentative free walking distance To and Fro: 50mins					Survayed Name:Yangtsena, Haa	
		Site Development				
SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
1	CG0002	Clearing jungle including uprooting of vegetation & trees of girth < 300mm & disposal within 50m of the site	sq.m	212.47		
2	CG0010 to CG0013	Felling trees including cutting of trunks and branches, removal of roots, stacking of serviceable materials and disposal of rubbish within 50m lead- Girth 300 to 2400mm (or) Girth > 2400mm	each	22		
3	EW0031+E W0034	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on plan, including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to be neatly dressed for ground cutting or levelling.- All types of soil (or) All types of rock requiring chiselling (where blasting is prohibited); payment will be not done for the unnecessary ground cutting without the consultation of site engineer or site site supervisor	cu.m	105		
4	EW0106+ EW0109	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift. All types of Soil (or) All types of rock requiring chiselling (where blasting is prohibited)	cu.m	4.78		
5	SM0070	Providing and laying Hammer dressed dry stone soling in marshy area where ever necessary with the consultation of site engineer	cu.m	3.59		
6	SM0005	Providing & laying Random Rubble Masonry with hard stone in foundation & plinth- In cement mortar 1:4	cu.m	11.95		
7	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)	cu.m	5.22		
8	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Foundation and plinth etc(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	36.73		
9	SW0003	Steel work in single section including cutting, hoisting, fixing and applying priming coat of red lead paint. In Tees, angles and channels as per drawingsa-MS Angle 50x50x6mm @ 4.5 kg/m and 40x40x5mm @ 3 kg/m	kg	681.85		
10	RW0213	Providing & fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.) 4mm (8 SWG) x 100mm	sq.m	119.53		
11	RW0202	Providing & fixing G.I barbed Wire Netting including fixing of post or struts, G.I staples, coal tarring in case of ballies complete(posts/struts, earthwork, concrete paid separately) 2.5mm , (12 SWG), 4 barbs form by twisting two point wires, each two turns, pitch of barbs 75mm	m	179.3		
12	MAR	Providing and fixing Complete Gate System as shown in the drawing. The price of built up steel sections, RCC Post, shuttering,G.I Chain-link mesh 4mm (8 SWG) x (100x100)mm, Sliding bolts, MS made hindges as per site engineer requirement, foundation works, earth work in foundation, Stone soling of 10cm thick below the location of shutter when closed (30cm wide), back filling,etc as per the drwaing.	each	1		
		Total for Site development(a)=				
		35M Tower foundation				

SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
1	EW0021	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed	cum	0.93		
2	EW0106+ EW0109	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift. All types of Soil (or) All types of rock requiring chiselling (where blasting is prohibited)	cum	53.26		
3	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Foundation and plinth etc(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	26.15		
4	CW0008	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:4:8 (1 cement : 4 sand : 8 graded crushed stone 40 mm nominal	cum	2.33		
5	RC0002	Providing & laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all work upto plinth level. 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size)	cum	8.58		
6	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m & lift 1.5m	cum	43.46		
7	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete.Chair should be provided as per the drawing.	kg	723.48		
8	MAR	Providing and laying of concrete clear cover block as per the sample provided in the drawing or as per the site engineer's requirement.	each	48		
9	MAR	Transportation of tower and shelter template and other necessary things from Phuntsholing TIPL store to the respective sites and tower Grouting to be done after the erection of the Tower. If the Tower grouting is not done then the retention money will be not released or retention money with bank guarantee is not approved till the tower grouting is done.	L/S	1		
		Total for Tower(b)=				
		Solar Foundation & APM Plinth				
SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
1	EW0021	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed	cum	0.87		
2	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork in fdn(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	9.66		

3	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)	cum	2.34		
4	SM0070	Providing and laying Hammer dressed dry stone soling in marshy area where ever necessary with the consultation of site engineer	cum	0.61		
5	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete. Chair should be provided as per the drawing.	kg	5.58		
		Total for solar foundation and APM plinth(c)=				
		Total amount for Yangtsena site(A) =a+b+c				-

BoQ for 25m Tower (Site development,Tower foundation,Solar foundation and APM Plinth)- Tentative free walking distance To and Fro: 4mins					Surveyed Name: Jangtey, Paro	
SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
		Site Development				
1	CG0002	Clearing jungle including uprooting of vegetation & trees of girth < 300mm & disposal within 50m of the site	sq.m	212.47		
2	CG0010 to CG0013	Felling trees including cutting of trunks and branches, removal of roots, stacking of serviceable materials and disposal of rubbish within 50m lead- Girth 300 to 2400mm (or) Girth > 2400mm	each	1		
3	EW0031+E W0034	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on plan, including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to be neatly dressed for ground cutting or levelling.- All types of soil (or) All types of rock requiring chiselling (where blasting is prohibited); payment will be not done for the unnecessary ground cutting without the consultation of site engineer or site site supervisor	cu.m	105		
4	EW0106+ EW0109	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift. All types of Soil (or) All types of rock requiring chiselling (where blasting is prohibited)	cu.m	4.78		
5	SM0070	Providing and laying Hammer dressed dry stone soling in marshy area where ever necessary with the consultation of site engineer	cu.m	3.59		
6	SM0005	Providing & laying Random Rubble Masonry with hard stone in foundation & plinth- In cement mortar 1:4	cu.m	11.95		
7	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)	cu.m	5.22		
8	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Foundation and plinth etc(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	36.73		
9	SW0003	Steel work in single section including cutting, hoisting, fixing and applying priming coat of red lead paint. In Tees, angles and channels as per drawingsa-MS Angle 50x50x6mm @ 4.5 kg/m and 40x40x5mm @ 3 kg/m	kg	681.85		
10	RW0213	Providing & fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.) 4mm (8 SWG) x 100mm	sq.m	119.53		

11	RW0202	Providing & fixing G.I barbed Wire Netting including fixing of post or struts, G.I staples, coal tarring in case of ballies complete(posts/struts, earthwork, concrete paid separately) 2.5mm , (12 SWG), 4 barbs form by twisting two point wires, each two turns, pitch of barbs 75mm	m	179.3		
12	MAR	Providing and fixing Complete Gate System as shown in the drawing. The price of built up steel sections, RCC Post, shuttering,GI Chain-link mesh 4mm (8 SWG) x (100x100)mm, Sliding bolts, MS made hindges as per site engineer requirement, foundation works, earth work in foundation, Stone soling of 10cm thick below the location of shutter when closed (30cm wide), back filling,etc as per the drwaing.	each	1		
		Total for Site development(a)=				
		25M Tower foundation				
SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
1	EW0021	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed	cum	0.72		
2	EW0106+ EW0109	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift. All types of Soil (or) All types of rock requiring chiselling (where blasting is prohibited)	cum	43.33		
3	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Foundation and plinth etc(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	25.1		
4	CW0008	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:4:8 (1 cement : 4 sand : 8 graded crushed stone 40 mm nominal	cum	1.89		
5	RC0002	Providing & laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all work upto plinth level. 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size)	cum	6.15		
6	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m & lift 1.5m	cum	36.2		
7	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete.Chair should be provided as per the drawing.	kg	618.27		
8	MAR	Providing and laying of concrete clear cover block as per the sample provided in the drawing or as per the site engineer's requirement.	each	40		
9	MAR	Transportation of tower and shelter template and other necessary things from Phuntsholing TIPL store to trhe respective sites and tower Grouting to be done after the errection of the Tower. If the Tower grouting is not done then the retention money will be not released or retention money with bank gurantee is not approved till the tower grouting is done.	L/S	1		
		Total for Tower(b)=				
		Solar Foundation & APM Plinth				

SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
1	EW0021	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed	cum	0.87		
2	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork in fdn(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	9.66		
3	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)	cum	2.34		
4	SM0070	Providing and laying Hammer dressed dry stone soling in marshy area where ever necessary with the consultation of site engineer	cum	0.61		
5	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete.Chair should be provided as per the drawing.	kg	5.58		
		Total for solar foundation and APM plinth(c)=				
		Total amount for Jangtey Site (B) =a+b+c				

BoQ for 35m Tower (Site development,Tower foundation,Solar foundation and APM Plinth)- Tentative free walking distance To and Fro: 24mins				Surveyed Name:Jagarthang, Paro		
SI No	BSR Code	Site Development Item Descriptions	Unit	Qty.	Rate	Amount
1	CG0002	Clearing jungle including uprooting of vegetation & trees of girth < 300mm & disposal within 50m of the site	sq.m	212.47		
2	CG0010 to CG0013	Felling trees including cutting of trunks and branches, removal of roots, stacking of serviceable materials and disposal of rubbish within 50m lead- Girth 300 to 2400mm (or) Girth > 2400mm	each	22		
3	EW0031+E W0034	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on plan, including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to be neatly dressed for ground cutting or levelling.- All types of soil (or) All types of rock requiring chiselling (where blasting is prohibited); payment will be not done for the unnecessary ground cutting without the consultation of site engineer or site site supervisor	cu.m	105		
4	EW0106+ EW0109	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift. All types of Soil (or) All types of rock requiring chiselling (where blasting is prohibited)	cu.m	4.78		
5	SM0070	Providing and laying Hammer dressed dry stone soling in marshy area where ever necessary with the consultation of site engineer	cu.m	3.59		
6	SM0005	Providing & laying Random Rubble Masonry with hard stone in foundation & plinth- In cement mortar 1:4	cu.m	11.95		
7	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)	cu.m	5.22		
8	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Foundation and plinth etc(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	36.73		

9	SW0003	Steel work in single section including cutting, hoisting, fixing and applying priming coat of red lead paint. In Tees, angles and channels as per drawingsa-MS Angle 50x50x6mm @ 4.5 kg/m and 40x40x5mm @ 3 kg/m	kg	681.85		
10	RW0213	Providing & fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.) 4mm (8 SWG) x 100mm	sq.m	119.53		
11	RW0202	Providing & fixing G.I barbed Wire Netting including fixing of post or struts, G.I staples, coal tarring in case of ballies complete(posts/struts, earthwork, concrete paid separately) 2.5mm , (12 SWG), 4 barbs form by twisting two point wires, each two turns, pitch of barbs 75mm	m	179.3		
12	MAR	Providing and fixing Complete Gate System as shown in the drawing. The price of built up steel sections, RCC Post, shuttering,G.I Chain-link mesh 4mm (8 SWG) x (100x100)mm, Sliding bolts, MS made hindges as per site engineer requirement, foundation works, earth work in foundation, Stone soling of 10cm thick below the location of shutter when closed (30cm wide), back filling,etc as per the drwaing.	each	1		
		Total for Site development(a)=				
		35M Tower foundation				
SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
1	EW0021	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed	cum	0.93		
2	EW0106+ EW0109	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift. All types of Soil (or) All types of rock requiring chiselling (where blasting is prohibited)	cum	53.26		
3	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Foundation and plinth etc(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	26.15		
4	CW0008	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:4:8 (1 cement : 4 sand : 8 graded crushed stone 40 mm nominal	cum	2.33		
5	RC0002	Providing & laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all work upto plinth level. 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size)	cum	8.58		
6	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m & lift 1.5m	cum	43.46		
7	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete.Chair should be provided as per the drawing.	kg	723.48		
8	MAR	Providing and laying of concrete clear cover block as per the sample provided in the drawing or as per the site engineer's requirement.	each	48		

9	MAR	Transportation of tower and shelter template and other necessary things from Phuntsholing TIPL store to the respective sites and tower Grouting to be done after the erection of the Tower. If the Tower grouting is not done then the retention money will be not released or retention money with bank guarantee is not approved till the tower grouting is done.	L/S	1		
		Total for Tower(b)=				
		Solar Foundation & APM Plinth				
SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
1	EW0021	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed	cum	0.87		
2	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork in fdn(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	9.66		
3	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)	cum	2.34		
4	SM0070	Providing and laying Hammer dressed dry stone soling in marshy area where ever necessary with the consultation of site engineer	cum	0.61		
5	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete.Chair should be provided as per the drawing.	kg	5.58		
		Total for solar foundation and APM plinth(c)=				
		Total amount for Jagarhang (C) =a+b+c				

BoQ for 25m Tower (Site development,Tower foundation,Solar foundation and APM Plinth)- Tentative free walking distance To and Fro: 16mins				Surveyed Name: Damji Zam, Paro		
		Site Development				
SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
1	CG0002	Clearing jungle including uprooting of vegetation & trees of girth < 300mm & disposal within 50m of the site	sq.m	212.47		
2	CG0010 to CG0013	Felling trees including cutting of trunks and branches, removal of roots, stacking of serviceable materials and disposal of rubbish within 50m lead- Girth 300 to 2400mm (or) Girth > 2400mm	each	5		
3	EW0031+E W0034	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on plan, including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to be neatly dressed for ground cutting or levelling.- All types of soil (or) All types of rock requiring chiselling (where blasting is prohibited); payment will be not done for the unnecessary ground cutting without the consultation of site engineer or site site supervisor	cu.m	105		
4	EW0106+ EW0109	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift. All types of Soil (or) All types of rock requiring chiselling (where blasting is prohibited)	cu.m	4.78		
5	SM0070	Providing and laying Hammer dressed dry stone soling in marshy area where ever necessary with the consultation of site engineer	cu.m	3.59		

6	SM0005	Providing & laying Random Rubble Masonry with hard stone in foundation & plinth- In cement mortar 1:4	cu.m	11.95		
7	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)	cu.m	5.22		
8	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Foundation and plinth etc(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	36.73		
9	SW0003	Steel work in single section including cutting, hoisting, fixing and applying priming coat of red lead paint. In Tees, angles and channels as per drawingsa-MS Angle 50x50x6mm @ 4.5 kg/m and 40x40x5mm @ 3 kg/m	kg	681.85		
10	RW0213	Providing & fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.) 4mm (8 SWG) x 100mm	sq.m	119.53		
11	RW0202	Providing & fixing G.I barbed Wire Netting including fixing of post or struts, G.I staples, coal tarring in case of ballies complete(posts/struts, earthwork, concrete paid separately) 2.5mm , (12 SWG), 4 barbs form by twisting two point wires, each two turns, pitch of barbs 75mm	m	179.3		
12	MAR	Providing and fixing Complete Gate System as shown in the drawing. The price of built up steel sections, RCC Post, shuttering,G.I Chain-link mesh 4mm (8 SWG) x (100x100)mm, Sliding bolts, MS made hindges as per site engineer requirement, foundation works, earth work in foundation, Stone soling of 10cm thick below the location of shutter when closed (30cm wide), back filling,etc as per the drwaing.	each	1		
		Total for Site development(a)=				
		25M Tower foundation				
SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
1	EW0021	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed	cum	0.72		
2	EW0106+ EW0109	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift. All types of Soil (or) All types of rock requiring chiselling (where blasting is prohibited)	cum	43.33		
3	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Foundation and plinth etc(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	25.1		
4	CW0008	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:4:8 (1 cement : 4 sand : 8 graded crushed stone 40 mm nominal	cum	1.89		
5	RC0002	Providing & laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all work upto plinth level. 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size)	cum	6.15		
6	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m & lift 1.5m	cum	36.2		

7	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete. Chair should be provided as per the drawing.	kg	618.27		
8	MAR	Providing and laying of concrete clear cover block as per the sample provided in the drawing or as per the site engineer's requirement.	each	40		
9	MAR	Transportation of tower and shelter template and other necessary things from Phuntsholing TIPL store to the respective sites and tower Grouting to be done after the erection of the Tower. If the Tower grouting is not done then the retention money will be not released or retention money with bank guarantee is not approved till the tower grouting is done.	L/S	1		
		Total for Tower(b)=				
		Solar Foundation & APM Plinth				
SI No	BSR Code	Item Descriptions	Unit	Qty.	Rate	Amount
1	EW0021	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m	cum	0.87		
		lead & 1.5m lift and disposed soil to be neatly dressed				
2	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork in fdn(Use only 10mm ply wood for shuttering), other than water proof red shuttering ply will not be entertained.	sqm	9.66		
3	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)	cum	2.34		
4	SM0070	Providing and laying Hammer dressed dry stone soling in marshy area where ever necessary with the consultation of site engineer	cum	0.61		
5	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete. Chair should be provided as per the drawing.	kg	5.58		
		Total for solar foundation and APM plinth(c)=				
		Total amount for Damji Zam (D) =a+b+c				
		Garnd total amount for package-6 (A+B+C+D)=				