

# Construction of 20 m tower, chain link wire mesh fencing & Solar foundation at Garaygang, Lunana Bhutan Telecom Ltd Live [Participate](#)

**Procurement Category:** Civil

**Dzongkhag/Location:** Gasa

**Goods/Services/Work Type:** CON-W4-Power and Telecommunications Works (Medium)

**Procurement Method:** Open Tendering

**Annual Procurement Plan:** 2024

**Bidding Process:** Single Stage Bidding - Single Envelope

**Contact Details:** Pema Wangdi (Mr.) Civil Engineering Section, Western Region, BTL. Tel: +975 2 343434 Ext. 4027 | Mob: +975 17141880| pema.wangdi2573@bt.bt Bhutan Telecom Ltd: www.bt.bt |

**Status:** Live

## BIDDING DETAILS

**Submission Date:** May 08 2024, 04:00 PM

**Opening Date:** May 09 2024, 02:00 PM

**Prebid Date:** None

**Prebid Place:** None

## EARNEST MONEY DEPOSIT DETAILS

**EMD Type:** Lumpsum

**EMD Value:** Nu. 155,000.00/-

## EVALUATION DETAILS

**Financial Evaluation:** 100%

## AGENCY DOCUMENTS

SI	Document
1	Bid Form

Sl	Document
2	Integrity Pact Document
3	RFP
4	Drawings

#### DOCUMENT PREREQUISITES FOR PARTICIPATION

Sl	Document
6	Bid Form
14	CDB License
37	Integrity Pact Document
49	Tax Clearance
62	Trade License

#### TENDER ITEMS(BOQ/BOM)

Sl	Item Code	Item Name, Additional Description/Specifications
1		<b>Construction of 20 m tower foundation</b>
2	CG0002	Clearing jungle including uprooting of vegetation & trees of girth < 300mm & disposal 50m of the site,

Sl	Item Code	Item Name,  Additional Description/Specifications
3	CG0011	Felling trees including cutting of trunks and branches, removal of roots, stacking of saw materials and disposal of rubbish within 50m lead - Girth 600 to 1200mm,
4	EW0031	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to dressed - Hard Soil,
5	EW0034	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to dressed - Hard rock requiring chiselling (where blasting is prohibited),
6	EW0106	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift & disposed soil to dressed - Soil,
7	CW0008	Providing and laying in position plain cement concrete excluding the cost of centering & shuttering - All work upto plinth level. - 1:4:8 (1 cement : 4 sand : 8 graded crushed stone 20 mm nominal size),
8	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 crushed rock 20 mm nominal size),
9	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 250 N/mm <sup>2</sup> ) for R.C.C work including cutting, bending, binding and placing in position complete,
10	RC0093	Providing & fixing centering and shuttering (formwork), including strutting, propping & removal of formwork - Columns, pillars, post, struts etc.,
11	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated soil & ramming etc. within lead 50 m & lift 1.5m,
12	None	chain link wire mesh fencing,

Sl	Item Code	Item Name,  Additional Description/Specifications
13	EW0001	Surface dressing of ground, including removal of vegetations and inequalities < 150m disposal of rubbish within 50m lead and 1.5m lifts - Ordinary Soil,
14	EW0105	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq m plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lifts - Ordinary Soil,
15	SM0072	Providing and laying Hand packed stone filling or soling with stones,
16	SM0005	Providing & laying Random Rubble Masonry with hard stone in foundation & plinth with mortar 1:4,
17	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering & shuttering - All work upto plinth level. - 1:2:4 (1 cement : 1.5 sand : 3 graded crushed stone of 20mm nominal size),
18	SW0003	Steel work in single section including cutting, hoisting, fixing and applying priming coat & lead paint - In Tees, angles and channels,
19	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated soil & ramming etc. within lead 50 m & lift 1.5m,
20	RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping & removal of formwork - Foundation and plinth etc.,
21	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 50mm,
22	None	Gate,
23	RW0016	Earthwork in Excavation in foundation trenches or drains including dressing of sides & ramming of bottom, disposal of surplus excavated soil within 50m lead - Hard Soil,

SI	Item Code	Item Name,  Additional Description/Specifications
24	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 : 1.5 sand : 3 graded crushed rock 20 mm nominal size),
25	SW0021	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting and appl. priming coat of red - In Tees, angles and channels,
26	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 50mm,
27	RC0093	Providing & fixing centering and shuttering (formwork), including strutting, propping and removal of formwork - Columns, pillars, post, struts etc.,
28	SW00070	Providing & fixing anodised aluminium tower bolt (barrel type) with aluminium screw complete 200mm,
29	None	Solar foundation,
30	EW0031	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 dressed - Hard Soil,
31	EW0106	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 & disposed soil to be dressed - Soil,
32	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 : 1.5 sand : 3 graded crushed rock 20 mm nominal size),
33	RC0002	Providing & laying in position reinforced cement concrete excluding the cost of centering and 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),

SI	Item Code	<b>Item Name,</b>  <b>Additional Description/Specifications</b>
34	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength for R.C.C work including cutting, bending, binding and placing in position complete,
35	RC0093	Providing & fixing centering and shuttering (formwork), including strutting, propping removal of formwork - Columns, pillars, post, struts etc.,
36	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavator ramming etc. within lead 50 m & lift 1.5m,