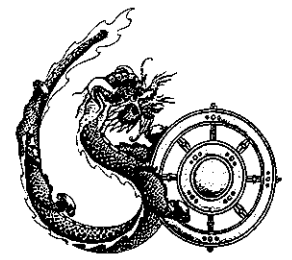




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Bhutan Power Corporation Limited
Registered Office, Thimphu
Procurement Services Department
Thimphu: Bhutan



BPC/PSD/2018 materials/2017/15 /1549

August 18, 2017

.....
.....
Subject: Addendum No. 2

Reference: Tender No: BPC/PSD/2018 materials/2017/15 dated 29th July, 2017

Dear Sir(s),

This is with reference to above-mentioned tender whereby PSD, BPC would like to issue the addendum No. 2 as given below.

The Quantity for the above referred tender has changed for all the four lots (Lot1, 2, 3 and 4). The revised price schedule is attached as annexure 1.

I. Lot 4 (Electrical Line Materials)

1. Stay Rod assembly with all accessories (284 Sets) has been merged to Stay set assembly and the revised price schedule is attached as annexure 2.
2. The G.I Pipe Earthing dimension shall be with 250 x 250 x 6 mm in place of 200 x 200 x 6 mm.

The revised technical specification is attached as annexure 3.

Therefore, the intending bidders are advised to note the changes and, due to the above inclusion and additional information, no time extension shall be granted and the submission date and time shall remain the same.

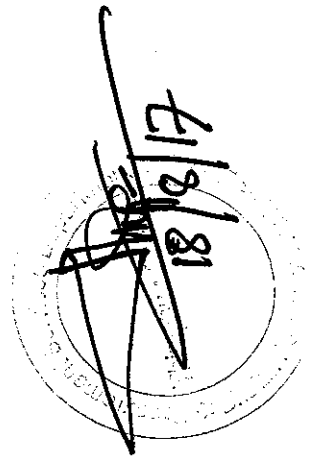
Please acknowledge the receipt of this Addendum No. 2.

Thanking You.
Yours Sincerely,


(Drukchui Dorji)
General Manager

**Price Schedule
Lot 1 (Hardware Fittings)**

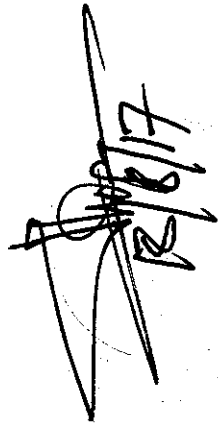
BPC Item Code	DESCRIPTION	Unit	Qty	Unit Rate DDP (Nu.)	Amount DDP (Nu.)
338	Strain clamp (Rabbit)	NO	60.00		
339	Strain clamp (Dog)	NO	224.00		
799	Single Tension Fittings : Panther	SET	5.00		
812	Double Tension Fittings: : Panther	SET	25.00		
1388	Dead End Joint (both Al & Steel): Wolf	SET	40.00		
1430	Single tension hardware fitting: Wolf	SET	40.00		
Total Amount					



 7/28/17

**Price Schedule
Lot 2 (Poles)**

BPC Item Code	DESCRIPTION	Unit	Qty	Unit Rate DDP (Nu.)	Amount DDP (Nu.)
523	Steel tubular pole 7.5 mtr long	NO	2,160.00		
Total Amount					



 7/19/21

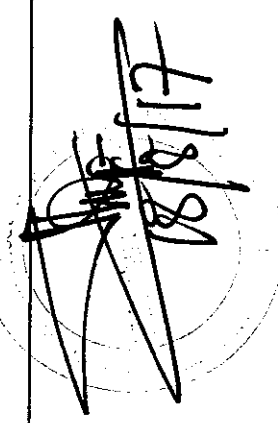
**Price Schedule
Lot 3 (Pole Fittings)**

BPC Item Code	DESCRIPTION	Unit	Qty	Unit Rate DDP (Nu.)	Amount DDP (Nu.)
492	Anti-climbing device (139.7 mm)	SET	412.00		
541	Stay clamp Assy (Dia of Pole - 88.9 mm)	SET	1,830.00		
542	Stay clamp Assy (Dia of Pole - 114.3 mm)	SET	1,132.00		
549	Support for intermediate jumper (ISMC 100)	SET	15.00		
550	Support for LBS/ABS with complete set (ISMC 100)	SET	121.00		
551	Support for LBS/ABS handle with complete set (ISMC 75)	SET	128.00		
559	Transformer platform assembly - double pole (ISMC 125)	SET	19.00		
561	Cross arm assembly for H-frame (O) (ISMC 100)	SET	246.00		
562	Cross bracing assembly for double pole ISA angle 50x50x6	SET	416.00		
565	Top Cross arm assembly for substation ISMC 100	SET	57.00		
Total Amount					

Handwritten signature and date 18/8/17 inside a circular stamp.

Price Schedule
Lot 4 (Electrical Line Materials)

BPC Item Code	DESCRIPTION	Unit	Qty	Unit Rate DDP (Nu.)	Amount DDP (Nu.)
418	LT Cable Route Marker with Nuts&Bolts	NO	681.00		
419	11 kV Cable Route Marker Plate with Nuts & Bolts. The length and breath of the plate should be 130x100 mm. The thickness of the plate should be 10 mm. The diameter of the hole should be 10 mm. The length of the Nut (Nut and Bolt) should be 75 mm and the diameter should be 8 mm as per the drawing.	NO	348.00		
420	33kV Cable Route Marker with Nuts&Bolts	NO	50.00		
484	GI Strip/Earth conductor 32X6 mm	KG	1040.00		
486	G.I. Wire 8 SWG	KG	2,895.00		
490	G.I Stay wire 7/8 SWG	KG	20398.1		
516	Pipe Earthing sets (Earthing Pipe & Flanged Plate)	SET	231.00		
552	Stay sets assembly (Stay Rod (2.5 M) with thimble, Anchor plate (300 x 300 x 6 mm), Turn buckle assembly with thimble and Eye hook)	SET	3,095.00		
6500016	M.S.Angle 50x50x6 mm	KG	2,053.00		
6500018	M.S. Channel 75x40x6 mm	KG	2,000.00		
6500019	M.S. Channel 75x50x6 mm	KG	2,080.00		
6500020	M.S. Channel 100x50x6 mm	KG	2,004.00		
6500021	MS Flat 20X5 mm	KG	1,500.00		
6500024	MS Flat 50X6 mm	KG	1,500.00		
6500035	M.S.Tee 75x75x6 mm	KG	1,500.00		
6500053	MS Angle 50x50x6 mm 431.5 mm	NO	400.00		
6500055	Arcing horn for 11kV	NO	92.00		
6500056	Arcing horn for 33kV	NO	112.00		
Total Amount					



18/8/17

14. ELECTRICAL LINE MATERIALS**1.0 Scope**

This Specification provides for design, manufacture, inspection, testing, and delivery of the Earthing equipment.

2.0 Standards

The equipment supplied shall conform to the latest relevant IEC Standards and/or other recognised international Standards.

3.0 Pipe Earthing Electrode

Pipe earthing electrodes are used for the earthing of distribution substations. Pipe electrode shall be **40mm diameter heavy gauge GI pipe, 2,500 mm length.**

Each pipe electrode shall have one 250 x 250 x 6mm GI or MS plate, welded to top, for connection to the earthing conductor

4.0 Stay Set Assembly

Stay set Assembly comprising of following accessories.

- i. Stay rod 20mm dia. 2500mm long one end, eye hooked (50mm internal) nut other end threaded 75mm long complete with two suitable nuts, flat, spring washer & 2 Nos. thimble.
- ii. G.I anchor plate 300 x 300 x 6mm with a suitable hole in the center of the plate.
- iii. Turn buckle ISMC 100 x 50mm, 300mm long hot dip galvanized with holes as required and 20mm dia. hot dip G.I rod bend and connected with ISMC.
- iv. Hot dip G.I eye hook, 460mm, 20mm dia. with 50mm dia. eye fully threaded with 2 Nos. suitable nuts and washers.

5.0 Spike Earthing Sets

Spike earthing electrodes are required for earthing of 33 kV and 11 kV distribution lines. Spike earthing electrodes shall be a 20 mm diameter GI or steel rod, of 2,500 mm length complete set of bolts, nuts, washers, etc shall be provided with spike earthing rods as indicated in the drawings.

6.0 GI Wire

Earthing connection of 8 SWG GI wires shall be supplied, for connection from the pole to the spike earthing electrode.