

# **BHUTAN POWER CORPORATION LIMITED**

*(An ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 Certified Company)*

*(Registered Office, Thimphu)*

## **PROCUREMENT SERVICES DEPARTMENT**

**THIMPHU: BHUTAN**



(Tender No. BPC/PSD/T&P/2020/12 dated September 19, 2020)

### **BID DOCUMENT**

**FOR**

**THE SUPPLY AND DELIVERY OF TOOLS, SAFETY  
EQUIPMENT, MEASURING EQUIPMENT AND  
COMMUNICATION EQUIPMENT**

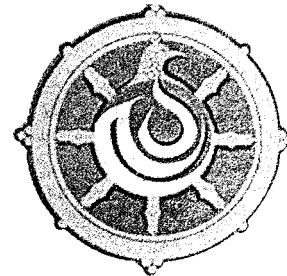


འབྲུག་སྤྱི་གཞི་ལས་འཛིན།

Bhutan Power Corporation Limited

(An ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 Certified Company)

Registered Office, Thimphu  
Procurement Services Department  
Thimphu: Bhutan



BPC/PSD/T&P/2020/12

September 19, 2020

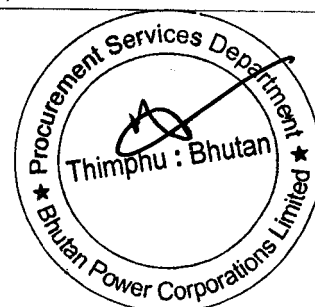
### Invitation for Bids

1. The *Procurement Services Department* invites sealed bids from eligible bidders for the Supply and Delivery of Tools, Safety Equipment, Measuring Equipment and Communication Equipment.
2. Interested eligible bidders may kindly visit the website [www.tender.bt](http://www.tender.bt) for vendor registration and to submit the bid online. The user manual for vendor registration and bidding process is available on the websites [www.tender.bt](http://www.tender.bt)
3. The bidders must submit the bid online from the website [www.tender.bt](http://www.tender.bt) before **14:30 Hours** on **20<sup>th</sup> October, 2020** and will be opened at **15:00 Hours** on **20<sup>th</sup> October, 2020**.
4. Bidders must submit the bid security in the original form to PSD, Head Office, BPC Thimphu or RSD, BPC, Phuentsholing on or before **19<sup>th</sup> October, 2020** before the submission of bid online. The bid security amounting to **Nu. 225,000 (Ngultrum Two Hundred Twenty Five Thousand)** only should be submitted in favour of Director, FAS, BPC, Thimphu.
5. *Procurement Services Department, Bhutan Power Corporation Ltd.* shall not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.

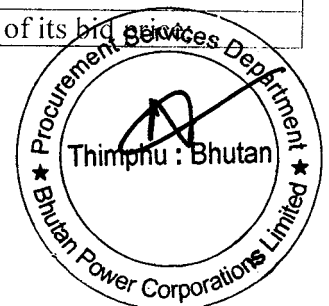
(General Manager)

**Section I**  
**General Terms and conditions**

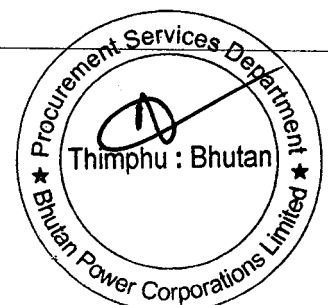
Sl. No.								
1	<b>Eligible Bidders:</b>	<p>The Invitation for bids is open to all manufacturer/Export House/authorizer dealers/Supplier from outside Bhutan and to manufacturer/ Export House /Authorizer dealers/Suppliers licensed under the ministry of economic affairs of Royal Government of Bhutan (supporting evidence to corroborate the claim must be enclosed).</p> <p>In case, if the bidder is an authorized dealer/supplier, manufacturer authorization shall be submitted with the bid. The bid submitted by authorized dealer/supplier without manufacturer authorization shall be rejected.</p>						
	<b>Instruction to bidders</b>	<p>a) Bidders are requested to read the terms and condition before creating quotation for the tender</p> <p>b) Bidders are requested to read the manual for bidding process before bidding in e-procurement system.</p> <p>c) Bidders are requested to update the document (trade license and tax clearance certificate) if expired before creating quotation on-line.</p> <p>d) Bidders are required to submit bid security on 19<sup>th</sup> October, 2020 and then submit the ebid online before 14:30hours on 20<sup>th</sup> October 2020. Bid security submission on 20<sup>th</sup> October, 2020 will not be accepted and bid shall be rejected. The bid shall be opened on the same date at 15:00 hours</p>						
3	<b>Consignee:</b>	Chief Manager, Regional Stores Division, BPC, Phuentsholing, Bhutan.						
4	<b>Scope of Work:</b>	The contract includes the design, manufacture, supply, testing, insurance, and delivery, unloading and proper handing over the supplies to the Purchaser's Warehouse at Phuentsholing/Pasakha, Bhutan.						
5	<b>Delivery Period:</b>	<p>Delivery time is as per the table given below:</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Lot</th> <th style="text-align: center;">Description</th> <th style="text-align: center;">Required arrival dates if goods or completion date for related services</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Tools, Safety Equipment, Measuring Equipment and Communication Equipment</td> <td>100 days from the signing of Contract</td> </tr> </tbody> </table>	Lot	Description	Required arrival dates if goods or completion date for related services	1	Tools, Safety Equipment, Measuring Equipment and Communication Equipment	100 days from the signing of Contract
Lot	Description	Required arrival dates if goods or completion date for related services						
1	Tools, Safety Equipment, Measuring Equipment and Communication Equipment	100 days from the signing of Contract						
6	<b>Sample</b>	All the bidders are required to submit the sample for safety belt (Item No.1) on or before 14:30 hours on 20 <sup>th</sup> October, 2020 to PSD, BPC, HQ, Thimphu or RSD, Phuentsholing. If the samples are not submitted as required that bid shall be treated as non-responsive for that items (Item No. 1 Safety Belt)						



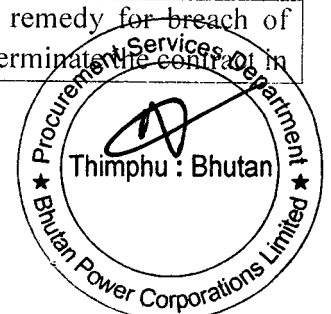
7	<b>Prices:</b>	<p>The rates should be DDP (Delivery duty paid), Manager, Regional Stores Division, BPC, Phuentsholing, Bhutan which is inclusive of all the taxes and duties both inside and outside the purchaser's country. As per inco-term 2010 –“The seller is responsible for delivering the goods to the named place in the country of importation, including all costs and risks in bringing the goods to import destination. This includes duties, taxes and customs formalities. This term may be used irrespective of the mode of transport”.</p> <p>Notwithstanding any possible misinterpretation/ambiguity in interpretation, it is explicitly clarified that the offered prices shall be inclusive covering all costs including but not limited to transportation, insurance, taxes and duties and any other costs for delivery of the materials to the purchaser at the designated place of delivery/destination.</p>				
8	<b>Bid Security</b>	<p>The bidder shall furnish, as part of its bid, bid security in the original form, denominated in Ngultrum or freely convertible currency to PSD, Head office/RSD, Phuentsholing before 19<sup>th</sup> October, 2020. Bid security submission on 20<sup>th</sup> October, 2020 will not be accepted and bid shall be rejected.</p> <p>The amount and currency of the Bid Security are as follows:</p> <table border="1" data-bbox="443 929 1449 1057"> <thead> <tr> <th data-bbox="443 929 1098 981">Lot Description</th> <th data-bbox="1098 929 1449 981">Amount (Nu.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="443 981 1098 1057">Lot No.1 Tools, Safety Equipment, Measuring Equipment and Communication Equipment</td> <td data-bbox="1098 981 1449 1057">225,000.00</td> </tr> </tbody> </table>	Lot Description	Amount (Nu.)	Lot No.1 Tools, Safety Equipment, Measuring Equipment and Communication Equipment	225,000.00
Lot Description	Amount (Nu.)					
Lot No.1 Tools, Safety Equipment, Measuring Equipment and Communication Equipment	225,000.00					
		a) The Bid Security shall be in one of the following forms acceptable to the purchasers:				
		i) Unconditional bank guarantee issued by a reputed Financial Institution acceptable to the Purchaser.				
		ii) Banker's cheque/cash warrant				
		iii) Demand draft.				
		iv) If the institution issuing the Bid Security furnished by the Bidder is located outside the Purchaser's country, the Bid Security shall be counter guaranteed by a correspondent financial institution located in the Purchaser's country to make it enforceable				
		b) The Bid Security shall be valid till <b>February 17, 2021</b> .				
		c) Any Bid not secured in accordance with Clause a, and b above shall be rejected by the Purchaser as non-responsive.				
		d) An unsuccessful bidder's bid security will be discharged/returned within fifteen (15) days after signing of the Contract with the successful Bidder.				
		e) The successful bidder's bid security will be discharged/returned upon furnishing the performance security.				
		f) The bid security may be forfeited:				
		i) If a bidder withdraws its Bid during the period of bid validity specified by the bidder;				
		ii) If a bidder does not accept arithmetical corrections of its bid				



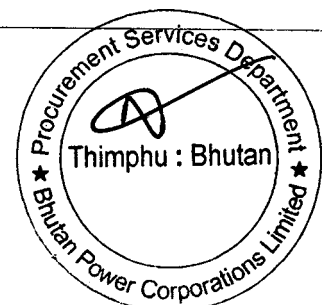
		iii) In the case of a successful bidder, if the bidder fails to sign the Contract or to furnish the performance security.
		<b>Covid-19 Situation</b>
		In case of covid-19 situation extends during the submission date of the tender, the bidder is requested to kindly submit the following
		i) Integrity Pact: signed copy of the integrity pact to be submitted. No need for legal stamp during the submission, but would be required to sign again during the contract signing time.
		ii) Bid Security (EMD): The EMD amount shall be deposited to BPC's BOB account no. 100902493, and submit the transition details along with other relevant documents during bid submission.
		The amount and currency of the bid security shall be as same as mentioned in Clause No. 8 (Bid Security)
9	<b>Bid Validity:</b>	The bid shall remain valid till <b>January 18, 2021</b> . A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive. The bid form is attached.
10	<b>Power of Attorney</b>	The Bid shall be typed or written in indelible ink and shall be signed by the bidder or a person(s) duly authorized to sign on behalf of the bidder. Written power-of-attorney shall indicate such authorization and shall be attached to the Bid. The name and position held by each person signing must be typed or printed below the signature.
11	<b>Taxes and Duties:</b>	All the taxes and duties both inside and outside the purchaser's country shall be inclusive in the offer including Tax Deducted at Source (which will be deducted at source) as per the applicable rates prescribed by Department of Revenue and Customs, RGOB.
12	<b>Payment:</b>	Payment shall be made against the delivery of the good within 30 (Thirty) days after submission of an invoice or claim by the Supplier giving the full particulars of the equipment supplied.
13	<b>Liquidated Damages:</b>	LD damages after the contractual period shall be a sum equivalent to one (1) percent per week on prorated basis of delivered price of the delayed goods or unperformed services or each week or part thereof of delay until actual delivery of performance, up to a maximum of ten (10) percent of the TOTAL CONTRACT AMOUNT (Amount indicated in the Contract Agreement).
14	<b>Performance Security:</b>	Within 15 (Fifteen) working days of the receipt of notification of award of contract, the successful bidder shall furnish the performance security, in accordance with the Conditions of Contract.  The Performance Security @10% of the supply contract value shall be furnished by the successful bidder in one of the following forms:



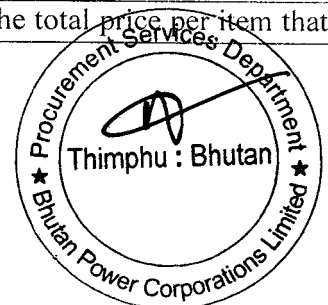
		<p>Unconditional bank guarantee issued by the reputed Financial Institution in the form provided for in Section VIII, Contract Forms or another form acceptable to the Purchaser; or</p> <p>Banker's Cheque/Cash Warrant, or</p> <p>Demand Draft.</p> <p>If the institution issuing the Performance Security furnished by the Bidder is located outside the Purchaser's country, the Performance Security shall be counter guaranteed by a correspondent Financial Institutions located in the Purchaser's country to make it enforceable.</p> <p>Failure by the successful Bidder to submit the above-mentioned Performance Security shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily. Such a failure shall be considered as default and all relevant clauses shall apply.</p>
15	<b>Force Majeure:</b>	<p>In the event that the Supplier or any of its subcontractors or the Purchaser is delayed in performing any of their respective obligations under the Contract, and such delay is caused by Force Majeure, including but not limited to war, civil insurrection, fires, floods, epidemics, earthquakes, quarantine restrictions and freight embargoes, such delay may be excused and the period of such delay may be added to the time of performance of the obligation delayed. If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.</p>
16	<b>Warranty:</b>	<p>The supplier warrants to the purchaser that the goods supplied under the contract will comply strictly with contract shall be first class in every particular case and shall be free from defects. The supplier further warrants to the purchaser that the material provided by the supplier will be new and fit for their intended purposes. This Warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof, as the case may be, have been delivered and commissioned. As a proof of performance warranty, the Purchaser will not release the 10% performance security for a period of not exceeding twelve (12) months after the complete delivery of the Goods.</p>
17	<b>Termination for default:</b>	<p>The purchaser may, without any prejudice to any other remedy for breach of Contract, by written notice of default sent to the supplier, terminate the contract in</p>



		<p>whole or part</p> <p>a) If the supplier fails to deliver any or all within the time period (s) specified in the Contract, or any extension thereof granted by the purchaser or</p> <p>b) if the supplier fails to perform any other obligation(s) under the contract.</p> <p>c) If the supplier fails to perform any other obligation(s) under the Contract</p> <p>Subject to above Clause, when the Contract is terminated for default, the Purchaser shall forfeit the Performance Security and deduct from the contract price liquidated damages mentioned above, of the delayed delivered price of the goods accepted by the Purchaser.</p>				
18	<b>Dispute Resolution:</b>	<p>The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract/Purchase. If, after 30 (thirty) days from the commencement of such informal negotiations, the Purchaser and the Supplier have been unable to resolve amicably the dispute, the dispute shall be then referred for resolution by arbitration. The arbitration shall be carried out as per procedure set by relevant Acts in Bhutan. The cost of arbitration shall be borne by both the parties. If the parties do not agree to the decision of arbitration, then the case will be referred to proper court in Bhutan for adjudication and decision.</p>				
19	<b>Vendor Performance Management System (VPMS):</b>	<p>The performance of the vendor shall be assessed as per the guides contained in the Vendor Performance Management System available in the BPC website (www.bpc.bt) for the purpose of determining the eligibility in participating in future tenders.</p> <p>The VPMS Acceptance form is provided. The bidders are required to sign VPMS Acceptance form agreeing to applicability of VPMS and be endorsed with the bid. In case if the VPMS is not signed, the bid shall be liable for rejection.</p>				
20	<b>Integrity Pact:</b>	<p>The Supplier as a condition of admission to eligibility, execute and attach to their bids an Integrity Pact Statement in the form provided. Failure to provide a duly executed Integrity Pact Statement shall result in rejection of the Bid.</p>				
21	<b>Manufacturer's Authorization</b>	<p>Manufacturer's Authorization (MA) is required for this item.</p> <table border="1"> <thead> <tr> <th>Lot Description</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>Lot No.1 Tools, Safety Equipment, Measuring Equipment and Communication Equipment</td> <td>YES</td> </tr> </tbody> </table> <p><i>a) The bid for the item(s) shall be rejected if the Manufacturer's Authorization is not submitted for which the Manufacturer's Authorization is required.</i></p>	Lot Description	Remarks	Lot No.1 Tools, Safety Equipment, Measuring Equipment and Communication Equipment	YES
Lot Description	Remarks					
Lot No.1 Tools, Safety Equipment, Measuring Equipment and Communication Equipment	YES					



		<p>b) <i>The Bidders are to mention the brand and origin of goods in the price schedule and submit the Manufacturer's Authorization accordingly.</i></p> <p>c) <i>The restricted brand/preferred brand for tools, safety equipment and measuring equipment are mentioned in the price schedule and bidders are to quote accordingly. No alternative/substitute brand shall be accepted for restricted brand and shall be considered as non-responsive.</i> However, if the bid is submitted by the authorized dealers/supplier on behalf of manufacturer the manufacturer authorization is required.</p>				
22	<b>Guaranteed Technical Particulars</b>	<p>Guaranteed Technical Particulars (GTP) "is" required.</p> <p><i>The bid for that item shall be rejected if the GTP is not submitted as specified in GTP Forms provided for bidders to fill up. The bidders are required to duly fill up the GTP forms provided. The catalogue/brochures of the items shall not be considered as GTP of the item. Further, if there are discrepancies between the item catalogue/brochures and the offered GTP, then GTP shall prevail.</i></p>				
23	<b>Technical Requirements.</b>	<p><i>The minimum technical specification are detailed out under the lot. Any technical deviation shall be brought out in the GTP forms for the items where GTP forms are provided and for the items where GTP forms are not required, the deviation shall be brought out in the deviation sheet provided. If the deviations are not mentioned in GTP and deviation sheet provided, the specification shall be considered as complied with the requirement.</i></p>				
24	<b>Evaluation:</b>	<p>To evaluate the offer, the purchaser shall consider the following:</p> <p>a) Bid will be evaluated on the following basis:</p> <table border="1" data-bbox="454 1182 1461 1400"> <thead> <tr> <th>Lot Description</th> <th>Evaluation and Award</th> </tr> </thead> <tbody> <tr> <td>Lot No.1 Tools, Safety Equipment, Measuring Equipment and Communication Equipment</td> <td>Item wise</td> </tr> </tbody> </table> <p>As above, bids will be evaluated for each item and the contract will comprise the item(s) awarded to the successful bidder. Items with alternative item price shall be rejected and that particular items shall not be considered for further evaluation.</p> <p>For Item No. 1 (Safety Belt), the bids without the sample shall not be considered for further evaluation and shall be rejected for that particular item.</p>	Lot Description	Evaluation and Award	Lot No.1 Tools, Safety Equipment, Measuring Equipment and Communication Equipment	Item wise
Lot Description	Evaluation and Award					
Lot No.1 Tools, Safety Equipment, Measuring Equipment and Communication Equipment	Item wise					
		b) Price adjustment due to discounts offered if any.				
		c) Price adjustment for correction of arithmetic errors shall be carried out (if any). The Purchaser shall correct arithmetical errors on the following basis:				
		i) If there is a discrepancy between the unit price and the total price per item that				



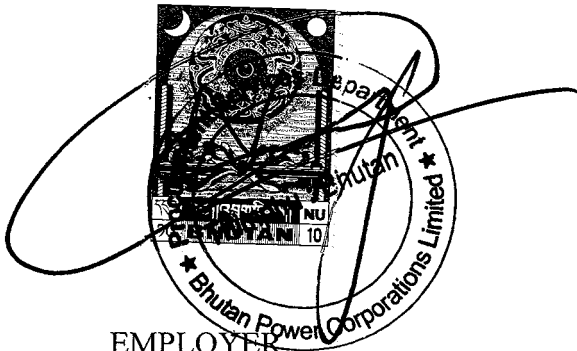


**7. Monitoring and Administration:**

- 7.1 The respective procuring agency shall be responsible for administration and monitoring of the IP as per the relevant laws.
- 7.2 The bidder shall have the right to appeal as per the arbitration mechanism contained in the relevant rules.

We, hereby declare that we have read and understood the clauses of this agreement and shall abide by it.

The parties hereby sign this Integrity Pact at \_\_\_\_\_ on \_\_\_\_\_.



Affix  
Legal  
Stamp

EMPLOYER

BIDDER/REPRESENTATIVE

CID : 

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CID : 

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Witness:

Witness: \_\_\_\_\_

Name: Mani Kumar Gurung

Name: \_\_\_\_\_

CID : 

1	1	2	0	8	0	0	2	1	4	7
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CID : 

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### VPMS Acceptance Form

*[The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]*

WHEREAS MESSRS (Insert the name of bidder) \_\_\_\_\_ --  
\_\_\_\_\_ (hereinafter called "the Bidder") License No.  
having our registered office at \_\_\_\_\_ has submitted its bid dated  
\_\_\_\_\_.

We hereby agree to abide by the Vendor Performance Management System of BPC or do affirm as follows.

1. We have read and understood all provisions set in the Vendor Performance Management System (VPMS) and we have no reservations to the VPMS document included in the Bidding Documents.
2. We agree to abide by all the provision of VPMS.
3. If our bid is accepted, we agree to be assessed as per the vendor rating methodology adopted by Bhutan Power Corporation Limited.
4. Depending on our performance, we accept the rating of Vendor Performance Index issued and any action taken by Bhutan Power Corporation Limited pursuant to the VPMS.
5. We shall be liable for any breach of this undertaking and non- compliance to the provisions of VPMS.

(Signature of Bidder)

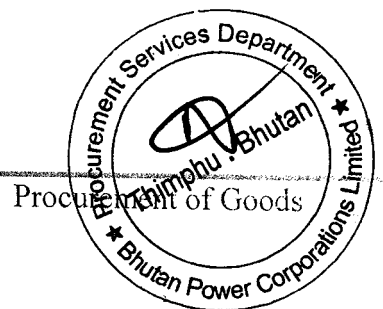
(Signature of witness)

Date:

Date:

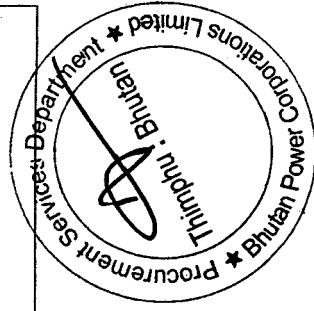
Address:

Contact No.:



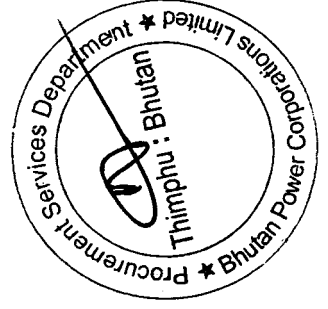
**Technical Specification**

Item No.	Item Description	Technical Specification	Brand/preferred Brand/Restricted Brand
1	Line Man Safety Belt	Outer Belt: 45 mm- 50 mm (W) x 1200 mm (L) (Curved), Inner Belt: 100 mm (W) x 700 mm (L) (Curved) with D-ring x 2pcs & V Square ring x 1pc Lanyard: 3-strand Nylon Rope 14mm-16mm dia. x 2000 mm -2500 mm (L) with snap hook and 8-Ring, additional unlocking type retractable lanyard 18 mm (W) x 1300 mm (L) with Snap Hook & Shock Absorber. Weight: 2 -3 kg Application for both work Positioning Suspension & Single-Line Suspension	Required to submit the sample
2	Safety Helmet without Face Protector	Safety helmet without face protector, head band circumference: Range from 520 mm to 620 mm, Class E with BPC Logo on the front, white colour, Type 1: helmet full brim, Full chin band adjustable knob at the back	Restricted to: Cooper/Salisbury/Sguard/Uve x/Catu
3	GPS Hand Set	Attached as Annexure - 1	
4	IEC Earthing Equipment, 300 series kits-ESTML 300U	IEC Earthing equipment, 300 series kit -ESTML 300.U IEC Standard earthing assemblies for medium voltage overhead lines used on conductor diameters up to 22mm. Kit include 3 automatic clamps, copper cable with PVC or silicon jacket and a cluster plate. Meets IEC 61230 standard. ESTML 300.U 3EA #ESMTM-LAR7 Automatic clamp. Current capability 6 kA/1s. Diameter 0-22mm. Cable Jacket PVC. Weight 10.5 kg 1EA #ESMTM-JE.M Clamp 1EA # ESATM-JH10 Ground Rod 1EA # ESATM- BPT Vinyl Carrying Case 1EA # ESATM-SP7.U Cluster Plate 1EA # ESATM-CMA AL Storage Reel 1x15m # ESCTC-16P 16sq.mm Copper PVC Jacket Cable 2x2m # ESCTC-25P 25sq.mm Copper PVC Jacket Cable 2EA # ESATT-16-2 Double compression ferrule for 16 sq.mm Cable 4EA # ESATT-25-2 Double compression ferrule for 25 sq.mm Cable	

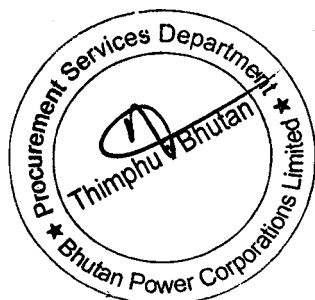


**Technical Specification**

5	Insulated Hand Gloves Low Voltage 1000V	Insulated hand gloves low voltage 1000V. Isolated gauntlets, class :0, average thickness : 1.0mm -1.5mm, Weight: 220-320 g.	Restricted to: Salisbury/sguard/Uvex/ Catu
6	HV Proximity Alarm Upper Arm Fittings 12 kV, 70cm	High Voltage Proximity Alarm & Personal Safety Voltage Detector: Distance of starting warning 80 cm from 11kV (6.6kV voltage to earth). Applicable frequency 50 Hz. Volume 70 db or higher at 1 meter distance, battery life: 50 Hours for continuous use; suitable for Arm Fittings or Around Helmets Fittings	Restricted to: Hasegawa/Catu/Salisbury
7	Phase Sequence Meter CATIII, 600 V	Digital Phase Sequence Meter (40 to 690 V) protection CATIII, 600V	Restricted to: Fluke/Hioki/Kyoritsu
8	Al Ladder Extensible 24 ft	Aluminium Ladder Extensible 24ft, Telescopic ladder folding height 12ft, Spacing between Rung 30cm, Thickness of Aluminum 3mm, Loading 150kg, Net Weight 15-20kg	



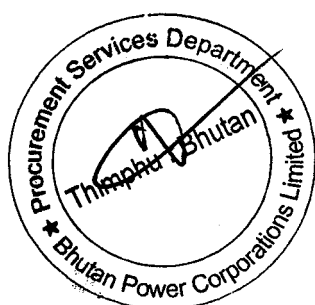
<b>Annexure-1 (Technical Specification of Item No. 3 GPS Handset)</b>	
<b>Parameters</b>	<b>offered Specification</b>
Make and Model	
Physical Dimension	2.4"x6.3"x1.4" (6.1x16x3.6 cm)
Weight	230g with battery
Water Rating	IPX7
Battery Type	Rechargeable NiMH pack (included) or 2 AA batteries (not included); NiHM or Lithium
Display Type	transflective, 65K color TFT
Display Size	1.43"x2.15"x(3.6x5.5cm); 2.6" diag (6.6)
Display Resolution	160 x 240 pixels
Battery Life	16 Hrs
Memory/History	4 GB
High-Sensitivity Reciever	Yes
Interface	High Speed USB and NMEA 0183 Compatible
GPS should support	GPS/GLONASS with built in sensors
Maps and Memory	
Base Maps	Yes
Ability to add maps	Yes
Accept data cards	Micro SDTM Card (Not included)
Customs POI (ability to add additional points of interest)	Yes
Waypoints/favourites/lactons	5000
Routes	200
Tracks log	1000 Points , 200 Saved Tracks
<b>Sensors</b>	
Barometric Altimeter	Yes
Compass	Yes (tilt- compensated 3-axis)
Chartplotter Features	
Area Calculation	Yes
Automatic Routine (turn by turn routing on roads)	Yes (with optional mapping for detailed roads)
Geocaching-Friendly	Yes (Paperless)
Custom Maps Compatible	Yes
Hunts/Fish Calender	Yes
Sun and Moon information	Yes
Camera	Yes (8 Mega Pixel with auto focus; automatic geotagging)
Picture Viewer	Yes
Connection compatible (Online community where you analyse, categories and share data)	Yes



**GTP for Bidders to Fill Up**

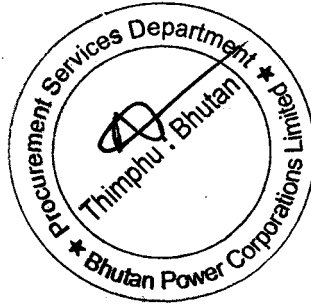
**Item No. 3 GPS Handset**

	<b>Parameters</b>	<b>Offered Specification</b>
	<b>GPS Handset</b>	Make and Model
Physical Dimension		
Weight		
Water Rating		
Battery Type		
Display Type		
Display Size		
Display Resolution		
Battery Life		
Memory/History		
High-Sensitivity Receiver		
Interface		
GPS should support		
Maps and Memory		
Base Maps		
Ability to add maps		
Accept data cards		
Customs POI (ability to add additional points of interest)		
Waypoints/favourites/lactons		
Routes		
Tracks log		
<b>Sensors</b>		
Barometric Altimeter		
Compass		
Chartplotter Features		
Area Calculation		
Automatic Routine (turn by turn routing on roads)		
Geocaching-Friendly		
Custom Maps Compatible		
Hunts/Fish Calender		
Sun and Moon information		
Camera		
Picture Viewer		
Connection compatible (Online community where you analyse, categories and share data)		



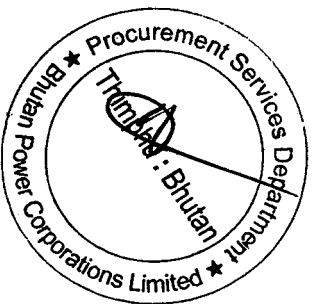
**Item No. 7 GTP for Digital Phase Sequence Meter**

<b>Sl.No</b>	<b>Parameters</b>	<b>Bidders to Fill Up</b>
1	Applicable Standard	
2	Measurement Range	
3	Frequency	
4	Protection	
5	Accessories	



**PRICE SCHEDULE**

Item No.	Item Description	UoM	Qty	Technical Specification	Brand/preferred Brand/Restricted Brand	Country of origin and Brand	Unit Price DDP (Nu.)	Total Price DDP (Nu.)
1	Line man safety Belt	No.	63	Outer Belt: 45 mm- 50 mm (W) x 1200 mm (L) (Curved), Inner Belt: 100 mm (W) x 700 mm (L) (Curved) with D-ring x 2pcs & V Square ring x 1pc Lanyard: 3-strand Nylon Rope 14mm-16mm dia. x 2000 mm -2500 mm (L) with snap hook and 8-Ring, additional unlocking type retractable lanyard 18 mm (W) x 1300 mm (L) with Snap Hook & Shock Absorber. Weight: 2 -3 kg Application for both work Positioning Suspension & Single-Line Suspension	Sample need to be submitted			
2	Safety helmet without face protector	No.	217	Safety helmet without face protector, head band circumference: Range from 520 mm to 620 mm, Class E with BPC Logo on the front, white colour, Type 1: helmet full brim, Full chin band adjustable knob at the back	Restricted to: Cooper/salisbury/sguard/ Uvex/Catu			
3	GPS Hand Set	No.	5	Attached as Annexure - 1				
4	IEC Earthing Equipment, 300 series kits-ESTML 300U	Sets	34	Refer Technical Specification				
5	Insulated Hand Gloves Low Volatge 1000 V	No.	20	Insulated hand gloves low volatge 1000V. Isolated gauntlets, class :0, average thickness : 1.0mm -1.5mm, Weight: 220-320 g.	Restricted to: Salisbury/sguard/ Uvex/ Catu			





**PRICE SCHEDULE**

Item No.	Item Description	UoM	Qty	Technical Specification	Brand/preferred Brand/Restricted Brand	Country of origin and Brand	Unit Price DDP (Nu.)	Total Price DDP (Nu.)
6	HV Proximity Alarm Upper Arm Fittings 12 kV, 70 cm	Sets	59	High Voltage Proximity Alarm & Personal Safety Voltage Detector: Distance of starting warning 80 cm from 11kV (6.6kV voltage to earth). Applicable frequency 50 Hz. Volume 70 db or higher at 1 meter distance, battery life: 50 Hours for continuous use; suitable for Arm Fittings or Around Helmets Fittings	Restricted to: Hasegawa/Catu/ Salisbury			
7	Phase Sequence Meter CATIII,600 V	Sets	6	Digital phase sequence meter (40 to 690V) protection CATIII, 600V	Restricted to: Fluke/Hioki/Kyoritsu			
8	Al. Ladder Extendable 24ft	No.	5	Aluminium Ladder Extendable : 24ft; Telescopic ladder folding height : 12ft; Spacing between Rung : 30cm; Thickness of Aluminium : 3mm; Loading : 150kg; Net Weight : 15-20kg				

