



STANDARD BIDDING DOCUMENT

SUPPLY AND DELIVERY OF TOOLS & PLANTS

NIT No. MMS0072/2024 dated 17/04/2024

File No. DGPC/MMS/T&P/2024/370

These documents are meant for the exclusive purpose of bidding against this NIT and shall not be transferred, reproduced or otherwise used for purposes other than that for which they are specifically issued.



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NOTICE INVITING TENDER
Material Management Section
Druk Green Power Corporation Limited
Phuentsholing

Domestic Competitive Bidder

For

Supply and Delivery of Tools & Plants

NIT No: MMS0072/2024

Date: 17/04/2024

Material Management Section, DGPC invites sealed Bids from eligible national Bidders for the Supply and Delivery of Tools & Plants as per the scope of supply mentioned hereinafter.

1. Detailed specifications, scope of supply and terms and conditions are given in the Bidding Documents, which are available as per the schedule below:

Tender No. and date	MMS0072/2024 dated 17/04/2024
Document available period (date & time)	From 23/04/2024 to 15/05/2024
Bid submission (date & time)	Up to 15/05/2024 by 15:00hrs BST.
Pre-bid meeting (if any)	NA
Bid opening date, time & place	15/05/2024 at 15:30 hrs BST at MMD, Phuentsholing
Bidding Documents shall be available	www.drukgreen.bt

2. Issuance of Bidding Documents shall not automatically construe that the Bidder fulfils the Qualifying Requirements which shall be determined during Bid evaluation based on data/documents submitted by the Bidder.
3. Bids shall be submitted at the address given below and shall be opened in the presence of Bidder's representatives who choose to attend.

4. All Bids must be accompanied by Bid Security for an amount of **BTN. 154,000.00 (One Hundred Fifty Four Thousand) only** in the form of Demand Draft /Cash Warrant /Banker's Cheque/Bank Guarantee enforceable by any financial institutions in Bhutan, and shall remain valid till **12/08/2024 in favour of Material Management Section, DGPC.**
5. Qualification Requirement for Bidders shall be as specified in the BDS.
6. Bid Documents are not transferrable. The Purchaser reserves the right to accept or reject any Bid partly or fully or cancel the bidding process without assigning any reasons thereof and in such case no Bidder/ intending Bidder shall have any claim arising out of such action of the Purchaser.
7. Address for bid submission:

**Head,
Material Management Section,
Phuentsholing.
Telephone: 05-254465**



SECTION I: INSTRUCTIONS TO BIDDERS (ITB) – In a separate document



SECTION II. BID DATA SHEET

ITB	Particulars
1.1	The Purchaser is: Material Management Section, DGPC, Phuentsholing
8.2	For Bid clarification purposes, the Purchaser's address is: Attention: [Divya Upreti] Address: Material Management Section, Phuentsholing Phone number: +975 17331400 Electronic mail: d.upreti3567@drukgreen.bt
8.3	Bid Clarification request will be received on or before: Time: 15:30 Hrs BST Date: 05/05/2024
8.5	A pre-bid meeting "shall not" take place.
10.1	The language of bid is: English
12.1(i)	The Bidder shall submit with its Bid the following additional documents: a) Copy of Valid Trade License /Certificate of Incorporation b) Latest Tax Clearance Certificate c) Bid Submission Form
14.3	The Bidder shall quote prices: CIP. MMS Store, Phuentsholing
14.3 (a) & b)	The final destination is: MMS Store, Phuentsholing.
14.5	Bids are being invited for [INDIVIDUAL ITEM]
15.1	The prices quoted by the Bidder "shall not" be adjustable.
16.1	The Bidder shall quote in BTN
17.1	The Bid validity period shall be 60 days from the date of bid opening i.e., up to 13/07/2024.
18.1	The Bidder shall furnish a bid security in the amount of BTN 154,000.00 shall be valid up to 12/08/2024.
19.1	Alternative Bids "shall not" be permitted.
20.3	The period of time for which the Goods are expected to be functioning (for the purpose of spare parts, special tools, etc.) is [NOT APPLICABLE]
21.1	Financial Capability The Bidder shall furnish documentary evidence that it meets the financial requirement(s): [NOT APPLICABLE]
21.2	Experience and Technical Capacity The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s): [NOT APPLICABLE]
21.3(a)	Manufacturer's authorization "is not" required.



21.3(b)	After sales maintenance, repair, spare parts stocking and related service “are not” required, and the Bidder therefore “is not” required to be represented by a suitably equipped and able agent in Bhutan.
21.3 (c)	Joint Venture/Consortium (JV/C) Bids are permitted [NO]
22.1&24.1	In addition to the original Bid, the number of copies is: [NOT REQUIRED]
24.2 (b)	For bid submission purposes only, the Purchaser’s address is: Head, Material Management Section, Phuentsholing. Telephone: 05-254465 E-mail: s.pema1815@drukgreen.bt
24.8	Bidders “shall not” have the option of submitting their Bids electronically.
25.1	The deadline for the submission of Bid is: 15/05/2024 15:00 hrs. Bhutan time.
28.1	The Bid Opening shall take place at: Address: Material Management Section, Office Date: 15/05/2024 Time: 15:30 hrs, Bhutan Time
36.3	Evaluation will be done for [ITEM WISE]
36.3 (e)	The adjustments shall be determined using the following criteria: [NOT APPLICABLE]
36.6	Bidders “shall” be allowed to quote prices for one or more lots.
38.1	A margin of Domestic Preference “shall not” apply.
43.	The successful Bidder shall submit the contract performance security and sign the Contract within 15 days from the date of issuance of NOA .
44.	Signing of contract shall be within 15 days from the date of issuance of NOA .

SECTION III: BIDDING FORMS



Form I: Bidder's Information Form

The Bidder shall fill in this Form in accordance with the instructions indicated below.

Date: [insert date (as day, month and year) of Bid submission]

Tender No.: **MMS0072/2024**

1. Bidder's Legal Name[insert name]
2. In case of Joint Venture/ Consortium (JV/C) legal name of each member: [insert JV/C]
3. Bidder's or each member of JV/C 's Country of Registration: [insert Country of Registration]
4. Bidder's or each member of JV/C 's Year of Registration: [insert year of registration]
5. Bidder's or each member of JV/C 's Legal Address in Country of Registration.....[insert legal address]
6. Bidder's or each member of JV/C 's Authorized Representative Information (if applicable) Name and identity No.:[insert Authorized Representative's name and identity No.] Address: [insert Authorized Representative's address] Telephone/mobile No.:[insert Authorized Representative's contact No.] E-mail Address:[insert Authorized Representative's email]
Attached are copies of the following original documents: <i>[check the box(es) of the attached original documents]</i>
<input type="checkbox"/> Articles of Incorporation or Registration of firm or valid Trade license named in 1 above,
<input type="checkbox"/> In the case of a JV/C letter of intent to form the JV/C or the JV/C agreement
<input type="checkbox"/> In the case of a government owned entity from Bhutan, documents establishing legal and financial autonomy and compliance with commercial law
<input type="checkbox"/> Power of attorney authorizing the signatory of the Bid to sign on behalf of the Bidder.
<input type="checkbox"/> Latest Tax clearance certificates.



Form II: Bid Submission 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.]

Date: *[insert date of Bid submission]*

Tender No.: **MMS0072/2024**

Alternative No.: *[insert number, if this Bid is for an alternative]*

To: Material Management Section, DGPC, Phuentsholing.

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[insert the number and date of issue of each addendum]*;
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the SCC the following Goods and Related Services: *[insert a brief description of the Goods and Related Services]*;
- (c) The total price of our Bid, excluding any discounts offered in item (d) below is: *[insert the Bid Price in words and figures, indicating the various amounts and their respective currencies]* *[in case of single stage, two envelopes, this clause (c) and (d) shall not be applicable]*;
- (d) The discounts offered and the methodologies for their application are:

Discounts. If our Bid is accepted, the following discounts shall apply: *[Specify in detail each discount offered and the specific item of the Schedule of Supply to which it applies.]*

Methodology of Application of the Discounts. The discounts shall be applied using the following methodology: *[Specify in detail the methodology that shall be used to apply the discounts];*

- (e) Our Bid shall be valid for a period of *[insert number]* from the date fixed for the Bid submission deadline in accordance with ITB Sub-Clause 26.1, and it shall remain binding upon us and may be accepted at any time before expiry of that period;
- (c) If our Bid is accepted, we commit to provide a Performance Security in accordance with ITB Clause 45 and GCC Clause 16 for the due performance of the Contract;
- (d) We are not participating, as Bidders, in more than one Bid in this bidding process, other than any alternative offers submitted in accordance with ITB Clause 15;



- (e) We, including any subcontractors or suppliers for any part of the Contract, have nationality from eligible countries, viz: *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder if the Bidder is a JV/C, and the nationality each subcontractor and supplier]*
- (f) We have no conflict of interest pursuant to ITB Sub-Clause 3.2;
- (g) Our firm, its affiliates or subsidiaries - including any subcontractors or suppliers for any part of the contract - has not been declared ineligible by the Purchaser under the laws or official regulations of Bhutan, in accordance with ITB Sub-Clause 3.4;
- (h) We have read the ITB and GCC carefully, understood and agree to comply with all the clauses which are mentioned therein. In case of any breach of any condition on our part, we shall be liable for actions as per terms and conditions of the Contract.
- (i) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (j) We accept the Vendor Performance Management System.

We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*

In the capacity of*[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of:.....*[insert complete name of Bidder]*

Dated onday of*[insert date of signing]*



Form III: Bid Security (Bank Guarantee)

[The Bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]

.....
[insert Bank's Name, and Address of Issuing Branch or Office]

Tender No.

Beneficiary: [Name and Address of Purchaser]

Date: _____

BANK GUARANTEE No.: _____

At the request of the Bidder, we..... *[insert name of Bank]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of.....
..... *[insert amount in figures]*

[insert amount in words] upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the Bid conditions, because the Bidder:

(a) has withdrawn its Bid during the period of Bid validity specified by the Bidder in the Form of Bid;

or

(b) having been notified of the acceptance of its Bid by the Purchaser during the period of Bid validity, (i) fails or refuses to execute the Contract Form; or (ii) fails or refuses to furnish the Performance Security, if required, in accordance with the Instructions to Bidders.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copy of the contract signed by the Bidder and the Performance Security issued to you upon the instruction of the Bidder; or (b) if the Bidder is not the successful Bidder, upon receipt of notification of being unsuccessful bidder from the purchaser; or thirty days after the expiration of the Bidder's Bid. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

[signature(s)]



Form IV: Manufacturer's Authorization

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so, indicated in the BDS.]

Date: *[insert date of Bid Submission]*

Tender No.: *[insert tender number]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of the Purchaser]*

WHEREAS

We *[insert complete name of the Manufacturer]*, who are official manufacturers of *[insert type of Goods manufactured]*, having factories at *[insert full address(es) of the Manufacturer's factory/ies]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us, namely *[insert name and/or brief description of the Goods]*, and subsequently to negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with GCC Clause 28 with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of the authorized representative(s) of the Manufacturer]*

Title: *[insert title(s) of the authorized representative(s) of the Manufacturer]*

Duly authorized to sign this Authorization for and on behalf of *[insert complete name of the Bidder]*

Dated on the *[insert number]* day of *[insert month]*, *[insert year]*.



Form V: Integrity Pact

This agreement should be a part of the tender document, which shall be signed and submitted along with the tender document. The head of employing agency/ or his authorized representative should be the signing authority. For the Bidders, the Bidder himself or his authorized representative must sign the Integrity Pact (IP).

1 General:

Whereas **Thinley Penjor**, representing the Material Management Section, Procurement Unit, Royal Government of Bhutan, hereinafter referred to as the **“Employer”** on one part, and(Name of bidder or his/her authorized representative, with power of attorney) representing M/s.(Name of firm), hereinafter referred to as the **“Bidder”** on the other part hereby execute this agreement as follows:

This agreement shall be a part of the standard bidding document, which shall be signed by both the parties at the time of purchase of bidding documents and submitted along with the tender document. This IP is applicable only to **“large”** scale works, goods and services, the threshold of which will be announced by the government from time to time. The signing of the IP shall not apply to framework contracting such as annual office supplies etc.

2 Objectives:

Whereas, the Employer and the Bidder agree to enter into this agreement, hereinafter referred to as IP, to avoid all forms of corruption or deceptive practice by following a system that is fair, transparent and free from any influence/unprejudiced dealings in the **bidding process**¹ and **contract administration**², with a view to:

- 2.1 Enabling the Employer to obtain the desired contract at a reasonable and competitive price in conformity to the defined specifications of the works or goods or services; and
- 2.2 Enabling bidders to abstain from bribing or any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also refrain from bribing and other corrupt practices.

3. Scope:

The validity of this IP shall cover the bidding process and contract administration period.

4. Commitments of the Employer:

The Employer Commits itself to the following: -



- 4.1 The Employer hereby undertakes that no officials of the Employer, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favor or any material or immaterial benefit or any other advantage from the Bidder, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process and contract administration.
- 4.2 The Employer further confirms that its officials shall not favor any prospective bidder in any form that could afford an undue advantage to that particular bidder in the bidding process and contract administration and will treat all Bidders alike.
- 4.3 Officials of the Employer, who may have observed or noticed or have reasonable suspicion shall report to the head of the employing agency or an appropriate government office any violation or attempted violation of clauses 4.1 and 4.2.
- 4.4 Following report on violation of clauses 4.1 and 4.2 by official(s), through any source, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings shall be initiated by the Employer and such a person shall be debarred from further dealings related to the bidding process and contract administration.

5. Commitments of Bidders

The Bidder commits himself/herself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of the bidding process and contract administration in order to secure the contract or in furtherance to secure it and in particular commits himself/herself to the following: -

- 5.1 The Bidder shall not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Employer, connected directly or indirectly with the bidding process and contract administration, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding process and contract administration.
- 5.2 The Bidder shall not collude with other parties interested in the contract to manipulate in whatsoever form or manner, the bidding process and contract administration.
- 5.3 If the bidder(s) have observed or noticed or have reasonable suspicion that the provisions of the IP have been violated by the procuring agency or other bidders, the bidder shall report such violations to the head of the procuring agency.

6. Sanctions for Violation:

The breach of any of the aforesaid provisions shall result in administrative charges or penal actions as per the relevant rules and laws.

- 6.1 The breach of the IP or commission of any offence (forgery, providing false information, mis-representation, providing false/fake documents, bid rigging, bid steering or coercion) by the



Bidder, or any one employed by him, or acting on his/her behalf (whether with or without the knowledge of the Bidder), shall be dealt with as per the terms and conditions of the contract and other provisions of the relevant laws, including De-barment Rules.

6.2 The breach of the IP or commission of any offence by the officials of the procuring agency shall be dealt with as per the rules and laws of the land in vogue.

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 *(place)* _____ on *(date)* _____

Affix Legal Stamp

Affix Legal Stamp



EMPLOYER

BIDDER/REPRESENTATIVE

CID:

1	2	0	0	6	0	0	1	0	6	0
---	---	---	---	---	---	---	---	---	---	---

CID:

--	--	--	--	--	--	--	--	--	--	--

Witness: _____

Witness: _____

Name: Divya Upreti
Procurement Assistant (PU)

Name:



Form VI: Deviation Schedule

The Bidder shall specify below, in detail, all deviations from and exceptions to the Bid Document. Any entry shall be referenced to the clause to which they refer.

The Bidder shall be deemed to be compliant with the content and intent of the Bid Document except in respect of deviations and exception listed in this Schedule.

Clause No.	Details of Deviation/ Exception	Reasons for Deviation/ Exception

In case of NO DEVIATION mentioned here and deviation of clauses/specification is mentioned elsewhere, then it will be taken as a deviation.

Signature of Bidder _____

Place & Date _



Form VII: Price Schedule Form

[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated]

Sl. No.	Description of Goods	Place of origin	Quantity	Unit	Unit Price (BTN)	Total Price (BTN)
<i>Price Schedule attached</i>						
Total Price						

Name of Bidder *[insert complete name of Bidder]* Signature



of Bidder *[signature of person signing the Bid]* Date *[insert date]*



Price Schedule - Related Services- If applicable

SN	Description of Services	Quantity	Unit	Unit Price <i>(BTN)</i>	Total Price <i>(BTN)</i>

Total Bid Price

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*



Form VIII: Technical Specifications (If applicable) -As per Price Schedule attached

<i>Item No</i>	<i>Name of Goods or Related Service</i>	<i>Technical Specifications and Standards</i>

Drawings

These Bidding Documents include “**No**” drawing. Or as per Price Schedules



**SECTION IV: GENERAL CONDITIONS OF CONTRACT (GCC) –
IN SEPARATE DOCUMENT**



SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) shall supplement and/or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the (GCC).	
Reference to the GCC is made as under:	
1.1.18	Final Destination(s) is: Store, Material Management Section, DGPC, Phuentsholing
1.1.19	The Purchaser is: Material Management Section, DGPC, Phuentsholing
1.3.5 (a)	The meaning of the trade terms shall be as prescribed by Incoterms. If the meaning of any trade term and the rights and obligations of the parties there under shall not be as prescribed by Incoterms, they shall be as prescribed by: [Incoterm 2020]
1.3.5(b)	The term CIP and other similar terms shall be as per the version of Incoterms 2020.
1.5.1	The language shall be “English”
1.7.1	For notices, the addresses shall be: For the Purchaser: Attention: Divya Upreti Address: Material Management Section, Procurement Unit, DGPC Telephone: 00975 17331400 E-mail address: <u>d.upreti3567@drukgreen.bt</u>
3.2.1	The amount of the Performance Security shall be 10% of the contract value, if each contract value is above Nu. 0.50 Million prior to signing of contract. <p style="text-align: center;">OR</p> In case of contract value up to Nu.0.50 million, the purchaser shall retain 10% of contract value in place of performance security against each supply. The retention money/performance security shall be released within 30 days from the date of completion of warranty period (if applicable), or within thirty (30) days from the date of complete delivery of all items.
3.2.3	The types of acceptable Performance Securities and validity are: (a) Performance security: <i>(i) Unconditional bank guarantee issued by a reputable financial institution acceptable to any banks in Bhutan, in the form provided for in the Contract or in any other form acceptable to the purchaser;</i> <i>(ii) Cash warrant, or</i> <i>(iii) Demand Draft or (as applicable)</i>



	<p>(b) Validity of performance security: The Performance Security shall be valid thirty (30) days beyond the successful completion of the Supplier's performance obligations under the Contract, including the completion of the warranty period under the Contract and for any extension thereto. It shall serve as a guarantee that the Supplier will perform his contractual obligations under the Contract till the warranty period.</p> <p>(c) Bidder shall submit Performance Security separately for Druk Green Power Corporation and Dagachhu Hydro Power Corporation.</p>
3.3.1	Subcontracting shall be "not allowed" .
5.2.1	The inspections and tests shall be: In case of any anomalies during test/ check, decision made by the end-user shall be final and binding.
5.2.2	Inspections and tests shall be conducted at: Final point of delivery.
6.1.1	The time for Delivery shall be 90 days from date of notification of award or purchase order. Details of Shipping and other Documents to be furnished by the Supplier are: Invoice & Challan, etc. [Signed with company seal]
6.3.1	The applicable rate for liquidated damages for delay shall be 0.30% per day of delay with a maximum of 10% (ten) percent of the total value of the delayed goods or unperformed services
7.1.3	The warranty shall be valid for 365 days after the goods have been delivered and accepted at the final destinations (BHP, CHP, CO, HRDC, KHP, THP, MHP, DHPC) or as per manufacturer's warranty period. [If applicable]
7.1.4 & 7.1.5	The period for repair or replacement shall be: 30 days.
9.1.1 a)	The prices charged for the Goods supplied and the related Services performed "shall not" be adjustable.
9.2.1	Terms of payment shall be: 100% payment shall be made promptly by DGPC, no later than thirty (30) days after the receipt of goods along with invoices and documents in accordance with GCC 9.2.2 . Provided that the documents are compliant with all the requirements of DGPC. In case of incomplete/ non-compliant invoices and documents, DGPC shall ask the Supplier to re-submit the invoices and documents with full compliance.
9.3.4	Tax Deducted at Source (TDS) from Bhutanese Bidders shall be "2 %" from the gross amount of bills.
13.1.1	Responsibility for transportation of the Goods shall be as specified in the Incoterms.
13.2.2	The packing, marking and documentation within and outside the packages shall be as per GCC 13.2.
14.1.1	The insurance coverage shall be as specified in the Incoterms 2020.



15.1.2	<p>Contract with a Bhutanese Supplier:</p> <p>In the case of a dispute between the Purchaser and a Bhutanese Supplier, the dispute shall be referred to adjudication or arbitration in accordance with Alternative Dispute Resolution Act of Bhutan 2013.</p>
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SECTION VI: CONTRACT FORMS



Form I: Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS AGREEMENT is made on the *[insert number]* day of *[insert month]*, *[insert year]*,

BETWEEN

----- *[insert complete name of Purchaser]*, a Purchaser registered under the
..... *the laws of Bhutan* and having its principal place of business at *[insert address of
Purchaser]* (hereinafter called “The Purchaser”), *and*

-----*[insert name of Supplier]*, incorporated under the laws of
[insert country of Supplier] and having its principal place of business at *[insert address
of Supplier]* (hereinafter called “the Supplier”).

WHEREAS the Purchaser invited Bids for certain Goods and related services, viz., *[insert brief
description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those
Goods and Services for a total sum of *[insert Contract Price in words and figures, expressed in the
Contract currency/ies]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract, viz.:
 - (a) This Contract Agreement;
 - (b) Performance Security;
 - (c) Integrity Pact;
 - (d) The Purchaser’s Notification of Award of Contract;
 - (e) Minutes of Contract Negotiation Meeting (if any);
 - (f) The Special Conditions of Contract;
 - (g) The General Conditions of Contract;
 - (h) Technical Requirements (including Schedule of Supply and Technical Specifications.)
 - (i) The Supplier’s Bid and original Price Schedules;
 - (h) *[Insert here any other document(s) forming part of the Contract]*
3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.



4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Bhutan on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature, affix legal stamp]*
in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert signature]* *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier, affix legal stamp]*
in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert signature]* *[insert identification of official witness]*



Form II: Contract Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid submission]*

Tender No. *[insert tender number]*

Name of the Tender: *[insert name of the tender]*

Bank’s Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of the Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s)¹ in figures and in words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or you needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Guarantee shall expire no later than the *[insert day/ month/ year]²*, and any demand for payment under it must be received by us at this office on or before that date. We agree to a one-time extension of this Guarantee for a period not to exceed *[six months]/[one year]*, in response to the Purchaser’s written request for such extension, such request to be presented to us before the expiry of the Guarantee.

[signatures of authorized representatives of the bank and the Supplier]

¹ The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Purchaser.

² Date established in accordance with Clause 16.4 of the General Conditions of Contract (“GCC”). The Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the Bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee.



Form III: Bank Guarantee for Advance Payment

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated.]

Date: *[insert date (as day, month, and year) of Bid submission]*

Tender No. *[insert tender number]*

Name of the Tender: *[insert name of the tender].*

Bank's Branch or Office..... *[insert complete name of Guarantor]*

Beneficiary: *[insert Name and address of the Purchaser]*

ADVANCE PAYMENT GUARANTEE No.: *[insert Advance Payment Guarantee no.]*

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount(s)]¹ in figures and words* upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods.

It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier in its account *[insert account number and domicile of the account]*

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[insert date]²*. We agree to a one-time extension of this Guarantee for a period not to exceed *[six months] / [one year]*, in response to the Purchaser's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

_____ *[signature(s) of authorized representative(s) of the bank]*

- 1 *The bank shall insert the amount(s) specified and denominated in the Notification of Award,*
- 2 *Insert the Delivery date stipulated in the Contract Delivery Schedule. the Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee.*



PRICE SCHEDULE

SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
1	TPLPLJ 20000000551	Hydraulic Jack, 20 T Capacity	2		2	NO				To be specified by bidder	
2	TPMAVI 20000000615	Bench vice, 8"x12"	1		1	NO				Apollo/India/Equivalent or higher	
3	TPMTGU 20000000638	Feeler Gauge, 600mm long, 0.03-1.00mm	2		2	SET				Mitutoyo/Stanley/Atul/Equivalent or Higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
4	TPOFOM 20000000945	Electrostatic liquid cleaner 50C, fitted with high voltage transformer with 2 sets of collector, Electrostatic liquid cleaner-ELC 50C Power-500W Material-Mild steel body Max Temperature-60 degree C Weight-140kgs Pump Flow-10-12 at 50 Hz(lit/min) Hose pipes (inlet)- Rubber host with end Fittings Elect. Panel-Digital Control Flow Rate-10 LPM Motor-1/2 HP Dimension- 780x505x880mm Capacity-50 L	1		1	SET				Ferrocare/Equivalent or Higher	
5	TPPPJH 20000001104	Jack Hammer 16 inch Sample picture attached (Annexure I)	1		1	NO				Bosch/ Equivalent or Higher	
6	TPMTVC 20000001520	Vernier Caliper(Digimatic),12" Digital Vernier Caliper (Replacement, Asset code: 81002100123)	1		1	NO				Mitutoyo/ Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
7	TPMTMR 20000002322	Industrial multimeter (digital) Detailed specification attached (Annexure II)	1		1	NO				Fluke /Equivalent or higher	
8	TPMTMR 20000003131	Clamp meter, model: Fluke325	1	1	2	SET				Fluke /Equivalent or higher	
9	TPMTMR 20000004519	Digital Industrial AC/DC Clamp meter, 1000Amp Detailed specification attached (Annexure III)	1		1	NO				To be specified by bidder	
10	TPMTBCSP 8000003815	Smart Portable Charger for 8 x 1.2V AA Smart portable charger capable of charging 8 numbers of 1.2V NiMH Detailed specification attached (Annexure IV)	1		1	NO				To be specified by bidder	
11	TPMTTDAC 8000003809	Fast Acting Photovoltaic fuse, 15A 600V AC/DC Detailed specification attached (Annexure V)	5		5	NO				To be specified by bidder	
12	TPMTMRMR 8000003811	Fast acting fuse (11A, 1000V) Detailed specification attached (Annexure VI)	20		20	NO				To be specified by bidder	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
13	TPMTMIMI 8000003915	Oscilloscope Signal Cable with BNC Plug, grabber clip and two wires with red and black color coding. Detailed specification attached (Annexure VII)	4		4	NO				To be specified by bidder	
14	TPMTMRMR 8000003916	Fast acting fuse (44/100A, 1000V), 440mA Detailed specification attached (Annexure VIII)	20		20	NO				Fluke /Equivalent or higher	
15	TPMTMI 20000006058	Thermal Imaging Camera, Fluke TiS20+ MAX Detailed specification attached (Annexure IX)	1		1	NO				Fluke /Equivalent or higher	
16	TPTLWR 20000005583	18V Cordless Impact Wrench	1		1	NO				Bosch/Equivalent or higher	
17	TPTLWR 20000005720	Cordless Impact Wrench, 350 N-m, Cordless High Torque Drive Impact wrench with 20V, 1/2# square drive having tightening range upto 350 N-m, with maximum weight	1		1	NO				To be specified by bidder	
18	TPMTLD 20000005910	Portable Readout Unit, EDI-51V, Vibrating wire type with adaptor charge/Data Logger with adaptor charger & connecting cable.	1		1	SET				To be specified by bidder	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
19	TPMTLD 20000005911	Portable Readout Unit, EDI-53L, Strain Gauge type with adaptor charger & connecting cable.	1		1	SET				To be specified by bidder	
20	TPMTSF 20000005949	Sweep Frequency Response Analysis (SFRA) Test Set compete, having licenced control softwares, control PC/laptop, Hard Carry Case, adequate technical specification/features & connection/measurement accessories suitable for conducting measurement in all transformer types. Operable with 230-240 V AC, 50Hz Aux power supply & additional option for rechargeable Battery operation	1		1	SET				To be specified by bidder	
21	TPTLSO 20000005997	Mini Ratchet Wrench, 38pcs, set 1/4", Socket Screw Bits Kit	1		1	NO				To be specified by bidder	
22	TPRDLSLS 8000000309	Wide Mouth Plastic Bottle, 1 Ltr. cap. Material: High density poethylene, Cap material: Polypropylene, Cap size:63mm, Label: Individually labelled.	150		150	NO				Polylab/Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UOM	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
23	TPPPGMAC 8000000650	Sander wheel, 100mm, grit-60	50		50	NO				ExtraPower/India)/Equivalent or higher	
24	TPMTGUGU 8000000810	Feeler Strip, 0.15mm, 300 mm	20		20	NO				Mitutoyo/Stanley/Atul/Equivalent or Higher	
25	TPMTGUGU 8000000906	Feeler Strip, 0.16mm, 300 mm	20		20	NO				Mitutoyo/Stanley/Atul/Equivalent or Higher	
26	TPMTGUGU 8000000907	Feeler Strip, 0.17mm, 300 mm	20		20	NO				Mitutoyo/Stanley/Atul/Equivalent or Higher	
27	TPMTGUGU 8000000908	Feeler Strip, 0.18mm, 300 mm	20		20	NO				Mitutoyo/Stanley/Atul/Equivalent or Higher	
28	TPMTGUGU 8000000911	Feeler Strip 0.25mm, 300 mm	20		20	NO				Mitutoyo/Stanley/Atul/Equivalent or Higher	
29	TPMTGUGU 8000001153	Level gauge (Spirit level) 20"	2		2	NO				To be specified by bidder	
30	TPLPREEB 8000001170	Eye-bolt, Model-M279, M12X20	8		8	NO				Crossby/India wire/Equivalent or Higher	
31	TPRDDGSP 8000001208	Oil sampling glass tube for DGA Capacity 400 ml, with thermo foam box Sample picture attached (Annexure X)	7		7	NO				To be specified by bidder	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
32	TPOFOMSP 8000001464	Oil Sample Collection Bottle, 70ml	50		50	NO				To be specified by bidder	
33	TPMTGUGU 8000001976	Feeler strip, 0.26 mm	20		20	NO				Mitutoyo/Stanley/Atul/Equivalent or Higher	
34	TPMTGUGU 8000001978	Feeler strip, 0.27mm	20		20	NO				Mitutoyo/Stanley/Atul/Equivalent or Higher	
35	TPPPDMDB 8000001991	HSS Drill bit, 1- 13 mm	2		2	SET				Stanley/Bosch/Dewalt/Makita/Hilti/ Equivalent or Higher	
36	TPPPGMAC 8000003351	Sanding Disc, Grit: 120, Size: 4"	50		50	NO				Dewalt/Taparia/Equivalent or higher	
37	TPMTBCSP 8000003422	Battery Voltage Monitor (BVM) Detailed specification attached (Annexure XI)	5		5	NO				To be specified by bidder	
38	TPMTGUGU 8000003831	SS Feeler Strip, 0.15, 1000mm	2		2	NO				Stanley/Equivalent or Higher	
39	TPMTGUGU 8000003832	SS Feeler strip, 0.20, 1000mm	2		2	NO				Stanley/Equivalent or Higher	
40	TPMTGUGU 8000003833	SS Feeler strip, 0.22, 1000mm	2		2	NO				Stanley/Equivalent or Higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
41	TPMTGUGU 8000003834	SS Feeler strip, 0.18, 1000mm	2		2	NO				Stanley/ Equivalent or Higher	
42	TPMTGUGU 8000003835	SS Feeler strip, 0.26, 1000mm	2		2	NO				Stanley/ Equivalent or Higher	
43	TPMTGUGU 8000003836	SS Feeler strip, 0.30, 1000mm	2		2	NO				Stanley/ Equivalent or Higher	
44	TPMTGUGU 8000003837	SS Feeler strip, 0.27, 1000mm	2		2	NO				Stanley/ Equivalent or Higher	
45	TPMTGUGU 8000003912	Digital Angle Gauge and Level 935 DAG, with Strong Magnetic accuracy: +/-0.1	1		1	NO				To be specified by bidder	
46	TPPPDM 20000000741	Drilling machine, 570W, 15mm 220-240v, SBE 570R	1			SET				Makita/Stanley/ Bosch/Dewalt/ Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
47	TTPPPGM 20000000757	Die Grinder, 6mm, Model no. CP-860 heavy duty , Type of Product- Die grinder Min. hose size- 10mm Max. RPM-24000 Power (HP)- 0.5 hp Power- 400W Length- 146mm Inlet Air Thread Size- 1/4 inch Collet size-6.35mm Model No- CP860	1			NO				Heavy Duty/Equivalent or Higher	
48	TTPPPGM 20000000949	Portable angle grinder, 100 mm, Model No.- GWS6-100 S Voltage-240V Power-710W No load Speed- 11000 RPM Weight- Less than 1.6kg Disc Diameter- 4 inch/ 100mm	3			NO				Bosch/Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UOM	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
49	TPMTVC 20000001518	Vernier Calliper analog, 0-150mm,0.02 "Oil sampling glass tube for DGA. "Oil sampling glass tube for DGA. Made of gas-tight borosilicate glass tube, 400 ml capacity. At both ends of the sampling tube, the screw-type adapters with nozzles should be provided. The tube should be covered with a thermo foam container to prevent direct exposure to sunlight and breakage during transportation" Model No.41119070	2			NO				Mitutoyo/Equivalent or higher	
50	TPPPDM 20000002853	Grinding machine, 180mm	2			NO				Dewalt /Makita/Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UOM	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
51	T PPPDM 20000003255	Drilling machine, GSB 13RE, wt. 1.7kg, Part No.: 0601217K1 , power input: 600W. Model No- GSB 13 RE Voltage- 240V Power- 600W No load Speed- 0-2800 RPM Min. Chuck Capacity- 1.5 mm Max. Chuck Capacity- 13 mm Application- Concrete/Wood/Steel Weight- Approx. 1.8kg	2			NO				Bosch/Equivalent or higher	
52	TPOFOM 20000005123	Three phase CI rotary Gear pump Three phase Cast Iron rotary Gear pump with electric motor, 1440RPM, 10bar, 500 LPM	1			NO				To be specified by bidder	
53	T PPPDM 20000005576	HSS-Drill bits 8,10,12,14, 16mm, for metal, Long lasting, Gold Ferrous Oxide coated - prevents bit overheating	5			SET				JK/Stanley/Equivalent or higher	
54	T PPPDM 20000005851	Drill Machine, (13mm) 800W	1			NO				Bosch/Makita/Equivalent or Higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
55	TPPPDM 20000005953	Hilti Drill Bit, (6mm-30mm)	1			SET				Hilti/Equivalent or Higher	
56	TPMTTC 20000005964	Digital Temperature Humidity Tester	3			NO				To be specified by bidder	
57	TPPPDM 20000005965	Cordless Drilling Machine GSB 185-LI PROFESSIONAL	1			NO				Bosch/Equivalent or higher	
58	TPPPDM 20000006046	Drilling Machine Chargeable 2000W	1			NO				Dewalt/Makita/Bosch/Equivalent or Higher	
59	TPMTGU 20000006049	Flexible Magnetic stand for Dial Gauge, Flexible stem length-360mm Pull- 80 Kgs Base length (LxBxH)- 62 x 60 x 55mm Clamping device- Magnetic Clamping force (vertical)-600N	6			NO				Mitutoyo/Equivalent or higher	
60		Portable Air Blast Machine, Wheel Mount..With Remote Control.,Abrasive tank capacity:,Metallic:500 kg, Sand:230 kg Volume:142 Ltrs., Height : 1320 mm Diameter :615mm, Weight :190 Kg	1			NO				To be specified by bidder	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
		Blast Nozzle Orifice:8 mm, [Tungsten Carbide Lined], Air Filter & Pressure Gauge fitted:1 No.each, Automatic Exhaust Valve fitted: 1No.,Abrasive Control through: 1No. Pinch Valve fitted,Approx. Cleaning Rate:Rate 11-15 Sq.,Mtrs./Hr., Compressed air required at 80 psi.:135 Cfm, Blast Hose ID (mm):25, Blast Hose Length (meter):10 Air Hose ID (mm):25, Abrasive type:Alu-oxyde Chilled iron Steel grit, Abrasive size:16 to 80 Mesh., Abrasive quantity:150 kg, Dry & oil free compressed air, compressor:1 No, Power Supply: 230V Conditions: Shpould be totally dust free envirnmentally friendly, blasting									
61	TPPPDMD B 2000009323	Carbide tip drill bit, 6-16mm	1			SET				JK/Stanley/Equivalent or higher	
62	TPGWWMW A 8000000186	Acetylene gas regulator, two stage, 10a 15b 433-0169-300 13-0109	1			NO				Esab/Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UOM	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
63	TPRDLSLS 8000000309	Wide mouth plastic bottle, 1 Ltr. cap. Material: High density polyethylene, Cap material: Polypropylene, Cap size: 63 mm, Label: Individually labelled.	230			NO				Polylab/Equivalent or higher	
64	TPPPDMDB 8000000476	HSS Drill bit, 3.5 mm	10			NO				Bosch/Stanley/Dewalt/Makita/Equivalent or higher	
65	TPPPDMDB 8000000477	HSS Drill bit, 5 mm	10			NO				Bosch/Stanley/Dewalt/Makita/Equivalent or higher	
66	TPPPDMDB 8000000478	HSS Drill bit, 6.5 mm	10			NO				Bosch/Stanley/Dewalt/Makita/Equivalent or higher	
67	TPPPDMDB 8000000479	HSS Drill bit, 7.6 mm	10			NO				Bosch/Stanley/Dewalt/Makita/Equivalent or higher	
68	TPPPDMDB 8000000480	HSS Drill bit, 9.8 mm	10			NO				Bosch/Stanley/Dewalt/Makita/Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
69	TTPPDMDDB 8000000485	HSS Drill bit, 1.5mm	10			NO				Bosch/Stanley/ Dewalt/Makita/ Equivalent or higher	
70	TTPPDMDDB 8000000489	HSS Drill bit, 8-15mm	1			SET				Bosch/Stanley/ Dewalt/Makita/ Equivalent or higher	
71	TTPPDMDDB 8000000490	HSS Drill bit, 2mm	10			NO				Bosch/Stanley/ Dewalt/Makita/ Equivalent or higher	
72	TTPPDMDDB 8000000491	HSS Drill bit, 2.5mm	10			NO				Bosch/Stanley/ Dewalt/Makita/ Equivalent or higher	
73	TTPPDMDDB 8000000553	Concrete drill bit, 6mm	3			NO				Bosch/Stanley/ Dewalt/Makita/ Equivalent or higher	
74	TTPPDMDDB 8000000554	Concrete Drill Bit - 3 to 12mm	2			SET				Bosch/Stanley/ Dewalt/Makita/ Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
75	TPPPGMAC 8000000656	Grinding wheel size 125x22x23x6mm	185			NO				Hitachi/Bosch/ Norton/Dewalt/ Equivalent or Higher	
76	TPPPDMDB 8000000695	Concrete drill bit, 12mm	3			NO				Stanley/Bosch/ Dewalt/Makita/ Hilti/Equivalent or Higher	
77	TPPPGMAC 8000001131	Grinding Wheel AG- 7,180X7X22.23mm	140			NO				Hitachi/Bosch/ Norton/Dewalt/ Equivalent or Higher	
78	TPPPGMAC 8000001132	Grinding Wheel AG-4- 100X6X16mm	100			NO				Hitachi/Bosch/ Norton/Dewalt/ Equivalent or Higher	
79	TPPPGMAC 8000001133	Cutting Wheel, AG-7- 180X3.5X22.23mm)	30			NO				Makita/Bosch/ Norton/Taparia /Stanley/Equival ent or higher	
80	TPMTGUGU 8000001153	Level gauge (Spirit level) 20"	1			NO				To be specified by bidder	
81	TPMTGUGU 8000001154	Level gauge (Spirit level) 40"	1			NO				To be specified by bidder	
82	TPPPDMAC 8000001156	Carbon Brush for Angle Grinding Machine	4			SET				Bosch/Equival ent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
83	TPRDDGSP 8000001208	Oil sampling glass tube for DGA	7			NO				To be specified by bidder	
84	TPPPGMAC 8000001228	Grinding wheel, 180x7mm	20			NO				Hitachi/Bosch/Norton/Dewalt/Equivalent or Higher	
85	TPPPGMAC 8000001230	Oil stone, 6"	4			NO				Boch/Stanley/Equivalent or higher	
86	TPPPDMDB 8000001245	Concrete drill bit, 8 mm	3			NO				Bosch/Stanley/Dewalt/Makita/Equivalent or higher	
87	TPPPDMDB 8000001317	HSS Straight shank drill bit, 2 to 10 mm	1			SET				Bosch/Stanley/Dewalt/Makita/India/Equivalent or higher	
88	TPPPDMDB 8000001573	Demo. hammer chisel, bullpoint, 600mm, SDS Max Bit for H60 MRV &H45 MR	5			NO				Bosch/Makita/Equivalent or higher	
89	TPPPDMDB 8000001804	Concrete drill bit, 4mm	3			NO				Bosch/Stanley/Dewalt/Makita/Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
90	T PPPGMAC 8000001851	Grinding wheel, 125x6x22.23mm	60			NO				Hitachi/Bosch/ Norton/Dewalt/ Equivalent or Higher	
91	T PPPGMAC 8000001852	Cutting wheel, 125x1x22.23mm	940			NO				Makita/Bosch/ Norton/ Taparia /Stanley/Equival ent or higher	
92	T PPPGMAC 8000002095	Cutting wheel, 14" (Dia 355x2.8x25.4)mm	50			NO				Makita/Bosch/ Norton/ Taparia /Stanley/Equival ent or higher	
93	T PPPGMAC 8000002096	Cutting wheel , 7"	10			NO				Makita/Bosch/ Norton/ Taparia /Stanley/Equival ent or higher	
94	T PPPGMAC 8000002134	Cutting Wheel, 100x1x16 mm	1,815			NO				Makita/Bosch/ Norton/ Taparia /Stanley/Equival ent or higher	
95	T PPPDMDB 8000002160	HSS circular drill bit hole saw set metal 12- 80mm (16 Pcs)	2			SET				Stanley/Bosch/ Dewalt/Makita/ Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
96	TPMTGUGU 8000002172	Pitch gauge metric and whitworth -Screw pitch gauge metric 60 degree and whitworth 55° -52 blades -length- 70 mm -weight almost 70-80 grams	1			NO				To be specified by bidder	
97	TPPPDMDC 8000002293	Keyless Drill Chuck, 13mm with MT2 Arbor	1			NO				To be specified by bidder	
98	TPPPDMDC 8000002294	Keyless Drill Chuck, 19mm with MT3 Arbor	1			NO				To be specified by bidder	
99	TPPPGMAC 8000002403	Flap Disc grit 60, 125 x 22 mm	220			NO				Norton/Bosch India/Equivalent or higher	
100	TPPPGMAC 8000002404	Flap Disc grit 80, 100 x 16 mm	100			NO				Norton/Bosch India/Equivalent or higher	
101	TPPPDMDB 8000002489	Concrete drill bit, 16 mm	4			NO				Stanley/Bosch/Dewalt/Makita/Hilti/Equivalent or Higher	
102	TPPPGMAC 8000002591	Cutting wheel 125x16x1mm	220			NO				Makita/Bosch/Norton/Taparia/Stanley/Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
103	TPPPGMAC 8000002620	Cutting wheel 5"	15			NO				Makita/Bosch/ Norton/Taparia /Stanley/Equivalent or higher	
104	TPPPGMAC 8000002660	S.S Grinding Wheel, Size (125X22.23x7)mm	50			NO				Hitachi/Bosch/ Norton/Dewalt/ Equivalent or Higher	
105	TPPPDMDB 8000002731	Jigsaw blade, T118A HSS	1			SET				Bosch/India/Equi valent or higher	
106	TPPPGMAC 8000002823	S.S grinding wheel 100x16x5mm	130			NO				Hitachi/Bosch/ Norton/Dewalt/ Equivalent or Higher	
107	TPPPDMDB 8000002907	Drill Bit, 3- 13 mm	2			SET				Stanley/Bosch/ Dewalt/Makita/ Hilti/ Equivalent or Higher	
108	TPPPGMAC 8000002933	Cutting Wheel, 125x1.2x22.23 Type:DW A8062	30			NO				Dewalt/Equival ent or higher	
109	TPMTGUGU 8000003115	Feeler Gauge, 0.05-1mm, instep of 0.05mm	2			NO				Mitutoyo/Stanle y/Atul/Equival ent or Higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UOM	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
110	TPGTCCCC 8000003130	C-Clamp, 100mm	4			NO				Stanley /Equivalent or Higher	
111	TPGTCCCC 8000003131	C-Clamp, 150mm	4			NO				Stanley /Equivalent or Higher	
112	TPPPDMDB 8000003262	Wood Drill Bit 3/8" 5/16" 1/4" 3/16"	1			SET				Stanley/Bosch/ Dewalt/Makita/ Equivalent or higher	
113	TPPPDMDB 8000003313	Concrete Drill bit -10mm Spare part of concrete drill machine	3			NO				Bosch/Stanley/ Dewalt/Makita/ Equivalent or higher	
114	TPPPGMAC 8000003320	Roundeller, Tyrolit,125mm x4mmx22.23mm	20			NO				Tyrolit/Equivalen nt or Higher	
115	TPPPDMDB 8000003558	Router Bit Set	1			SET				Bosch/Equivalen nt or higher	
116	TPPPDMDB 8000003776	Drill Bit (22mm dia., L=45cm)	2			NO				Stanley/Bosch/ Dewalt/Makita/ Hilti/ Equivalent or Higher	
117	TPPPDMDB 8000003777	Drill Bit (16mm dia., L=30cm)	2			NO				Stanley/Bosch/ Dewalt/Makita/ Hilti/ Equivalent or Higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UOM	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
118	TPPPDMDB 8000003793	Rethreader Tool Bit (M110), 8 TPI (3mm)	2			NO				To be specified by bidder	
119	TPPPDMDB 8000003794	Rethreader tool bit(M42), 5.5TPI (4.5mm)	2			NO				To be specified by bidder	
120	TPPPDMAC 8000003820	Morse Taper Adapter Reducing Drill Sleeve Morse Taper Adapter Drill Sleeve Lathe Tool Spindle set of 4 (MT1-2, MT2-3, MT3-4 and MT4-5)	1			SET				To be specified by bidder	
121	TPPPGMAC 8000003822	Spiral Band Rubber Drum Holder,20 X20 mm	5			NO				To be specified by bidder	
122	TPPPDMDB 8000003823	Shank Drill Bit (6-24mm)	1			SET				Bosch/Marinda/ Stanley/Equival ent or Higher	
123	TPPPGMAC 8000003890	SS Cuttting Wheel, 100x16x1 mm	100			NO				Makita/Bosch/ Norton/Taparia /Stanley/Equival ent or higher	
124	TPPPDMDB 8000003893	Hollow Drill Bit, Carbide Tip, Dia:40mm, Leangth: 100mm	3			NO				Stanley/Taparia/ Bosch/Dewalth/ Equivalent or higher	
125	TPPPDMDB 8000003894	Hollow Drill Bit, Carbide Tip, Dia:50mm Leangth: 100mm	3			NO				Stanley/Taparia/ Bosch/Dewalth/ Equivalent or higher	



SN	Material Code	Material Description	Qty	Qty (DHPC)	Total (Qty)	UO M	UNIT RATE		Total Amount	Brand/Make	Country Of Origin
							In Figure	In Words			
126	TPPPDMDB 8000003895	Hollow Drill Bit, Carbide Tip, Dia:40mm Leangth: 130mm	3			NO				Stanley/Taparia/Bosch/Dewalth/Equivalent or higher	
127	TPPPDMDB 8000003896	Hollow Drill Bit, Carbide Tip, Dia:50m Leangth: 130mm	3			NO				Stanley/Taparia/Bosch/Dewalth/Equivalent or higher	
128	TPPPDMDB 8000003897	Drill Bit SDS Max 4 Cutter, 8mm-25mm	1			SET				Stanley/Taparia/Bosch/Dewalth/Equivalent or higher	
129	TPGTPA 20000002332	Strap Packing Machine, 4 Jaws sealer, heavy duty tensioner	1			NO				Heavy Duty/Equivalent or Higher	
Total Amount.....											
In words.....											

NOTE:

The requirement of DHPC shall be segregated from DGPC and the order will be place by DHPC directly to the suppliers. However, MMD shall place the order for DGPC. Terms and conditions shall be same except for the submission of performance security/retention money as indicated in the tender document.




Annexure – I






SDS-max® 1-9/16 In. Combination Hammer



- 6.1 Ft.-Lbs. of impact energy, up to 20 percent more than other combo rotary hammers
- SDS-max® bit system for tool-free easy bit changes
- Vario-Lock mechanism allows 12 positions for best chisel angle
- Combination dual mode selector knob rotary hammer mode or hammer-only mode
- Service minder brushes
- Innovative service modules



Sl.	Material Description	Qty.	UoM	Item Specifications (Details)	Remarks
1	Industrial multimeter (digital) 20000002322 Annexure - II			Digital Industrial-duty True RMS Clamp-meter <ul style="list-style-type: none"> • Display: Digital 6000 count and backlight • Power: 3 AAA batteries • DC Current Measuring Ranges: 0.1μA to 10A • Accuracy: 0.2% + 4 digit • AC Current Measuring Ranges: 0.1μA to 10A • Accuracy: 1.0% + 2 digit • DC Voltage Measuring Ranges: 0.1mV to 1000V • Accuracy: 0.05% + 1 digit • AC Voltage Measuring Ranges: 0.1mV to 1000V • Accuracy: 0.7% + 4 digit • Resistance measuring Ranges: 0.1Ω to 50 MΩ • Capacitance Measuring Range: 1nF to 9999μF • Continuity Feature: ≤ 30 Ω • Frequency Measuring Ranges: 0.5Hz to 199.99 kHz • Compliance: CAT IV 600V, CAT III 1000V • Operating Temp: -200 °C to 1090 °C • Operating Humidity: 90% RH (10 °C to 30 °C) • IP Rating: IP67 	To be used during routine testing at lab/fields, particularly suitable industrial utility. 



			<p>Preferred Make: FLUKE, MILWAUKEE, YOKOGAWA, MEGGER, TESTO of specification equal to Fluke model No. 28II TRMS Rugged IP67 Digital Multimeter.</p> <p>Calibration certificate: Factory certificate or NABL accredited lab certificates or certification in compliance to ISO 17025:2015</p>	
2	<p>Digital Industrial AC/DC Clamp meter, ,1000Amp</p> <p>20000004519</p> <p>Annexure -III</p>		<p>Digital Industrial-duty True RMS Clamp-meter</p> <ul style="list-style-type: none"> • Display: Digital (6000 count update 4/sec) • Power: 2 AA batteries • Clamp opening Size & Jaw Dia: (34mm) • Flexible current probe: 7.5mm dia & 1.8m long • Current Measuring Ranges via jaw: 1000A (AC / DC) • Resolution: 0.01A (AC/DC) • Accuracy: 2% \pm 5 digit (10Hz to 100Hz) 2.5% \pm 5 digit (100Hz to 500Hz) • Current Measuring Ranges via flexible current probe: 2500A AC • Resolution: 0.1A (\leq600A) 1A (\leq2500A) • Accuracy: 3% \pm 5 digit (5Hz to 500Hz) • Voltage Measuring Ranges: 1000V (AC / DC) • Resolution: 0.1V (\leq600V) 1V (\leq1000V) • Accuracy: 1.5% \pm 5 digit (AC) 1.0% \pm 5 digit (DC) • mV dc Measuring Ranges: 500 mV • Resolution: 0.1 mV 	<p>To be used during routine testing at lab/fields, particularly at high current industrial utility.</p>  

				<ul style="list-style-type: none"> • Accuracy: 1.0% \pm 5 digits • Resistance measuring Ranges: 60 kΩ • Resolution: 0.1 Ω (\leq600Ω), 1.0 Ω (\leq600Ω), 10 Ω (\leq60kΩ) • Accuracy: 1.0% \pm 5 digit • Continuity Feature: \leq 30 Ω • Frequency Ranges via jaw and flexible current probe: 5.0 to 500.0 Hz • Accuracy: 0.5% \pm 5 digit • Operating Temp: -10 $^{\circ}$C to 50 $^{\circ}$C • Storage Temp: -40 $^{\circ}$C to 60 $^{\circ}$C • Operating Humidity: 90% RH (10 $^{\circ}$C to 30 $^{\circ}$C) • IP Rating: IEC 60529: IP30, non-operating <p>Preferred Make: FLUKE, MILWAUKEE, YOKOGAWA, MEGGER, TESTO of specification equal to Fluke model No. 376.</p> <p>Calibration certificate: Factory certificate or NABL accredited lab certificates or certification in compliance to ISO 17025:2015</p>	
3	Smart Portable Charger for 8 x 1.2V AA Annexure - IV	1	No.	<p>Smart portable charger</p> <ul style="list-style-type: none"> • capable of charging 1.2V NiMH upto 3000mAh • 8 slot battery charger • Charger with battery charging indicator along with bar indicator • Adapter should be suitable for the supply input of 250VAC, 50Hz. 	<p>This item is intended to be used for charging the battery of Earth tester.</p> 
4	Fast Acting Photovoltaic fuse, 15A 600V AC/DC	5	No.	<p>Fast Acting photovoltaic fuse.</p> <ul style="list-style-type: none"> • Details of sample picture of fuse: <ul style="list-style-type: none"> - Make: Littell fuse - Model No.: KLKD 15A 	<p>This item is intended to be used for replacement of faulty fuse in Tan-delta test kit.</p>

	8000003809 Annexure - V			<ul style="list-style-type: none"> - This fuse is used in the existing test kit • Requirement: <ul style="list-style-type: none"> - The rating should equal to the rating specified in material description - Barrel fuse - The shape and dimension should be equal to the sample picture of fuse. - The same or the other fuse of same above-mentioned specification is acceptable. 	
5	Fast acting fuse (11A, 1000V) 8000003811 Annexure - VI	20	No.	<p>Fast Acting fuse.</p> <ul style="list-style-type: none"> • Details of sample picture of fuse: <ul style="list-style-type: none"> - Make: BUSSMANN - Model No.: DMM 11AR - This fuse is used in the existing multimeters • Requirement: <ul style="list-style-type: none"> - The rating should equal to the rating specified in material description - Barrel fuse - The shape and dimension should be equal to the sample picture of fuse. <p>The same or the other fuse of same above-mentioned specification is acceptable.</p>	<p>This item is intended to be used for replacement of faulty fuse in Fluke make multimeters.</p> 
6	Oscilloscope Signal Cable with BNC Plug, 8000003915 Annexure - VII	4	No.	<p>Oscilloscope Signal Cable with BNC Plug</p> <ul style="list-style-type: none"> • BNC male plug with two grabber clips at other end of cable • Cable of one-meter length • Cable color coding of Red and black at the grabber clip end • Type: Convertor/adaptor • Withstanding voltage of 600VAC 	<p>This item is intended to be used for the four-channel input of test kit, Memory Hicorder.</p>

					
7	Fast acting fuse (44/100A, 1000V), 440mA 8000003916 Annexure - VIII	20	No.	<p>Fast Acting fuse.</p> <ul style="list-style-type: none"> • Details of sample picture of fuse: <ul style="list-style-type: none"> - Make: BUSS FUSE - Model No.: DMM 44/100A - This fuse is used in the existing multimeters • Requirement: <ul style="list-style-type: none"> - The rating should equal to the rating specified in material description - Barrel fuse - The shape and dimension should be equal to the sample picture of fuse. <p>The same or the other fuse of same above-mentioned specification is acceptable.</p>	<p>This item is intended to be used for replacement of faulty fuse in Fluke make multimeters.</p> 



Annexure- IX

Fluke TiS20+ MAX Thermal Imaging Camera



Specifications: Fluke TiS20+ / TiS20+ MAX Thermal

Imaging Camera

Key features

Infrared resolution	120 x 90 (10,800pixels)
IFOV (spatial resolution)	7.6 mRad, D:S 130:1
Field of view	50° H x 38° V

Minimum focus distance	50cm (20 inches)
Focus system	Fixed focus
Data transfer	Mini USB used to transfer image to PC
Wireless connectivity	Yes, (802.11 b/g/n (2.4 GHz))
Fluke Connect instant upload	Yes, connect your camera to your building's Wi-Fi network (802.11 b/g/n (2.4 GHz)), and images taken automatically upload to the Fluke Connect system for storage and viewing on your PC

Image quality

IR-Fusion technology	Auto Blend continuous 0 % to 100 %. Adds the context of the visible details to your infrared image
Display	3.5" LCD touchscreen (landscape)
Display resolution	320 x 240 LCD
Thermal sensitivity (NETD)	60 mK
Frame rate	9 Hz

Data storage and image capture

Memory	Internal 4GB memory (includes slot for optional micro SD card up to 32GB)
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Image capture, review, save mechanism	One-handed image capture, review, and save capability
Image file formats	Non-radiometric (jpeg), or fully radiometric (.is2); no analysis software required for non-radiometric (jpeg) files
Software	Fluke Connect desktop software—full analysis and reporting software with access to the Fluke Connect system
Export file formats with software	JPG, IS2

Battery

Batteries (field-replaceable, rechargeable)	Lithium-ion smart battery pack with five-segment LED display to show charge level
Battery life	≥ 5 hours continuous (without WiFi)
Battery charging time	2.5 hours to full charge
Battery charging system	In-imager charging. Optional 12 V automotive charging adapter
AC operation	AC operation with included power supply (100 V AC to 240 V AC, 50/60 Hz)
Power saving	Automatic Shutdown: 5, 10, 15 and 20 minutes or never

Temperature measurement

Temperature measurement range (not calibrated below -	TiS20+: -20 °C to 150 °C (-4°F to 302°F) TiS20+ MAX -20 °C to 400°C (-4°F
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10 °C)	to 752°F)
Accuracy	Target temp at or over 0 °C: Accuracy: ± 2 °C or ± 2 % at 25 °C, whichever is the greater.
On-screen emissivity correction	Yes, material table
On-screen reflected background temperature compensation	Yes
Center-point temperature	Yes
Spot temperature	Hot and cold spot markers

Color palettes

Standard palettes	6: Iron bow, Blue-Red, High Contrast, Amber, Hot Metal, Grayscale
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General specifications

Infrared spectral band	8 μm to 14 μm (long wave)
Operating temperature	-10 °C to 50 °C (14 °F to 122 °F)
Storage temperature	-20 °C to 50 °C without batteries
Relative humidity	95 % non-condensing
Safety	IEC 61010-1: Pollution Degree 2
Electromagnetic	EN 61326-1, CISPR 11: Group 1, Class A



compatibility	
US FCC	CFR, Part 15C
Vibration and shock	10 Hz to 150 Hz, 0.15 mm, IEC 60068-2-6; 30 g, 11 ms, IEC 60068-2-27
Drop	Engineered to withstand 2-meter drop
Size (H x W x L)	26.7 cm x 10.1 cm x 14.5 cm (10.5 in x 4.0 in x 5.7 in)
Weight	0.72 kg (1.6 lb)
Enclosure rating	IP54 (protected against dust, limited ingress; protection against water spray from all directions)
Warranty	Two-years (standard)
Supported languages	Czech, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, and Turkish

Accessories required

- ✓ Fluke Infrared Camera Car Charger
- ✓ Fluke SBC3B Charging Base
- ✓ Fluke SBP3 Extra Battery Pack



Annexure – X



