



30003/DTK/19TF/ENQ-22/E3ES

02 Sep 2026

FOR ATTENTION OF ALL BIDDERS

There is an important instruction regarding place of submission of Bid due to restricted movement of goods and services across the border, in view of page No 7 of this RFP, amending the clause 2 of this RFP to that Extent.

Appendices

A	:	List of Stores	F	:	Format of Certificate of Acceptance
B	:	Technical Bid ('T' Bid)	G	:	Undertaking Certificate
C	:	Price Bid ('Q' Bid)	H	:	Self Declaration Certificate
D	:	EMD Bank Guarantee Format	J	:	Part Payment Certificate
E	:	PBG Format	K	:	BSB Certificate

INVITATION OF QUOTATION FOR SUPPLY OF CONSTRUCTIONAL STORES (GABION BOX)

Dear Sir/Madam,

INVITATION OF QUOTATION

1. This Project requires stores as per Appendix 'A' and accordingly invites OTE for the purpose. The RFP can be downloaded from CPP Website : <https://eprocure.gov.in/epublish/app>. The consignor can submit their offer by downloading the enquiries and sending it by Speed Post/Courier/Hand.

2. Quotations are invited in physical form containing 'T'-Bid (Technical bid) as per Appx 'B' and 'Q'-Bid (Price Bid) as per Appx 'C' for the above items. Please note that quotation will be received by the Headquarters Chief Engineer (P) Dantak, C/o 99 APO upto 1700 Hrs (BST) on 15 Sep 2026. 'T'-Bid will be opened on 15 Sep 2026 at 1200 Hrs (BST). After opening of 'T'-Bid and its evaluation 'Q'-Bid will be opened for the successful bidders.

3. Firms or their duly authorized representative who have submitted their quotation and who wish to be present at the time of opening of quotation may visit the office of Headquarters Chief Engineer (P) Dantak, C/o 99 APO at the above mentioned time and date for viewing the quotation opening process.

4. Bidding procedure shall be single stage-two bid system and bid documents are to be prepared in two parts as under:-

Part-I (Technical Bid : 'T' Bid) at Appendix 'B'.
Part-II (Price Bid : 'Q' Bid) at Appendix 'C'.

5. Part-I Technical Bid ('T' Bid)

5.1. The technical bid comprising of the following details shall be forwarded in a separate envelope by the **OEM/ Authorized Dealer only** duly mentioning the Name of the firm, Enquiry reference and date of opening etc on top of the envelope.

(a) Details such as Name of firm, Address Contact number GSTIN number, Email, PAN No and other Registration details with HQ DGBR / Project Dantak / Any other BRO Project / Ministry of Defence Govt of India / Govt of Bhutan as per format enclosed at Appendix 'B' to the enquiry be provided. OEM, PSUs and Authorised dealer enlisted with Central Purchase Organization and National Small Industries Corporation also to provide details of their registration in Appendix 'B'.

(b) In case, if the firm is NOT enlisted/ Registered with HQ DGBR or Project Dantak as a registered contractor/ consignor or with Ministry of Defence Govt of India or Govt of Bhutan or CPO or NSIC & Micro, Small and Medium Enterprises (MSMEs), then details of EMD alongwith original copy of EMD be provided as per Ser No 9 of Appx 'B'. PSUs, OEM/ Authorised dealer, Original Manufacturers in Bhutan/ India registered with Dantak/ HQ DGBR/ RGoB are exempted from submission of EMD on producing of necessary document/ certificates, in this regard.

(c) OEM/Authorised Dealer/ Consignor should have completed delivery of supply order of the similar items to any Govt agency/BRO projects in last seven financial years for the SO amt as given below:-



(i) 03 (Three) similar SOs with cost of supply order not less than 40% of the estimated cost of stores demanded in the subject Enquiry.

OR

(ii) 02 (Two) similar SOs with cost of supply order not less than 50% of the estimated cost of stores demanded in the subject Enquiry.

OR

(iii) 01 (One) similar SOs with cost of supply order not less than 80% of the estimated cost of stores demanded in the subject Enquiry.

5.2 Eligibility Criteria for Technical Evaluation

5.2.1 The manufacturers/ authorised Dealer who have submitted the following documents in their 'T' Bid will only be eligible technically and for opening of their 'Q' Bid:-

- (a) Fulfilment of criteria & submission of documents as laid down at Para 5.1.
- (b) Copy of tender documents duly signed and stamped on each page.
- (c) Complete details as per Appendix 'B' of enquiry
- (d) Registration details:

- (i) Registration/Enlistment No
- (ii) With whom registered/enlisted
- (iii) Letter reference under which registered/enlisted. (Enclose copy)

Enlistment/ Registration details with HQ DGBR/ Project Dantak/ Ministry of Defence, Govt. of Bhutan/CPO/NSIC be clearly mentioned or EMD be submitted by non enlisted/non registered firms.

- (e) Original Manufacturers in Bhutan/India will have to submit EMD in case if they are not enlisted/ registered with HQ DGBR/Project Dantak or Government of Bhutan.
- (f) Copy of undertaking certificate duly signed (Format as per Para 13 (a) (iv) of RFP.
- (g) Copy of Importer-Exporter Code (IEC).
- (h) Make of the items bidded for to be included as part of 'T' bid documents.
- (j) Latest test report from BIS approved laboratory for IS-16014/ any IIT (not older than 12 months old) on the tests as given in Para 29 of RFP to be included as part of 'T' bid documents.
- (k) Copy of BSB Authorized Manufacturer or Dealership certificate from OEM.
- (l) Copy of valid BIS license of the product, issued to the OEM.
- (m) Copy of BSB certificate duly signed (Format as per Appendix 'K').

5.3. The bidder should meet all the technical evaluation criteria in order that the bid is considered to be technically responsive and the bidder qualifying to have its commercial bid opened. **BANNED FIRMS WILL NOT BE ENTERTAINED**

5.4 REJECTION OF VENDORS

- (a) **FIRMS APPLYING FOR THE SUBJECT TENDER WILL BE SCRUTINISED BASED ON THEIR PAST PERFORMANCE.**
- (b) **VENDORS WHO ARE BANNED FOR PARTICIPATION IN THE TENDER ENQUIRY BY ANY GOVERNMENT DEPARTMENT IN INDIA/ BHUTAN NEED NOT APPLY. SCRUTINY OF VENDORS WILL BE DONE STRICTLY ON THE BASIS OF THEIR PERFORMANCE WITH GOVERNMENT DEPARTMENTS.**
- (c) **SELLER SHOULD SUBMIT ALL ABOVE DOCUMENTS WITH BID. IF ANY SELLER SUBMIT MISLEADING/FALSE INFORMATION IN BIDDING DOCUMENTS, SUCH SELLER WILL BE LIABLE TO BE DISQUALIFIED IN 'T' BID. NO REPRESENTATION IN THIS REGARDS WILL BE ENTERTAINED**

6. **Part-II Price Bid ('Q' Bid).**

6.1 The price bid ('Q' Bid) shall be forwarded in a separate envelope by the OEM/ Authorized Dealer duly mentioning the name of the firm, Enquiry reference and date of opening on top of the envelope.

6.2 **Part-II Price Bids ('Q' Bid).** Price Bid shall be quoted by bidder as per the format attached as Appendix 'C'.

6.3 **'Q'-Bid evaluation.** Price Bid of non qualified bidders, based on evaluation of 'T' Bid, will not be opened.

6.4 Price Bids shall only be furnished in attached format forming part of the bid documents.

7. 'T' Bid and 'Q' Bid be submitted in **two separate envelopes** duly superscribed and both these sealed covers are to be put in a bigger cover which should be sealed and duly superscribed. OEM/ Authorized Dealer who offer the Enquiry documents of 'T' Bid and 'Q' Bid in a single envelope will be rejected. On top of both 'T' Bid and 'Q' Bid, details such as Name of OEM/ Authorized Dealer of the items, Enquiry Reference and date of opening etc will be mentioned clearly.

8. No conditional offer other than conditions mentioned above will be entertained.

9. All necessary licenses, consents and permissions for import/ export from Govt/ Semi Govt/ Civic agencies in India & Bhutan for the performance of obligations under this supply orders shall be arranged by the OEM/ Authorized Dealer.

10. The OEM/ Authorized Dealer shall provide and pay for usage of labour, utilities, transportation and other miscellaneous services necessary for proper execution and completion of supply order at the designated FOR.

11. The complete expenses on preparation and submission of quotation shall be borne by the firms and it shall have no claim on this account.

Earnest Money and Security Deposit.

12. OEM/ Authorized Dealer who are NOT enlisted as per Para 5.1 (b) of this RFP will have to submit Earnest Money of Amount in Rs 2,86,380/- (Rupees two lakh eighty six thousand three hundred eighty only) in the form of fixed Deposit receipt, or Bank guarantee from any of the commercial banks drawn in favour of Chief Engineer, Project Dantak payable at SBI Hasimara having validity/maturity period of Six Months and will be enclosed with Technical Bid. Earnest Money of un-successful OEM/ Authorized Dealer shall be returned to them immediately on placing of Supply Order. Format of EMD as per Appendix 'D' enclosed. The MSME companies having valid Udyog Number, the EMD exemption as per DPM will be applicable.

13. **Performance Bank Guarantee.** Performance Bank Guarantee in the form of Bank Guarantee should be submitted by your firm @ 5% of the value of Supply Order amount within 30 days of receipt of the Supply Order, to HQ 19 BRTF, Phuentsholing. The Fixed Deposit Receipt or Bank Guarantee Bond be prepared having validity/maturity period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligation (Ref Rule-171 of GFR 2017). The PBG should be drawn in favour of HQ 19 BRTF payable at SBI, Hasimara. On receipt of Performance Bank Guarantee, the EMD will be returned to the firm. The Performance Bank Guarantee will be released after one month of release of completed payment against the supply order. If required, the extension of validity of Performance Bank Guarantee will be sought accordingly. Format of Performance Bank Guarantee as per Appendix 'E' enclosed. In terms of Para 6.1.2 (i) of Manual of Procurement of Goods (second edition 2024), submission of PBG for an Supply Order amount upto twenty five (25) lakh is not required.

(a) **Clause for Evaluation of L1.** To determine the L1, the quoted rates of consignor who have been found technically "Substantially Responsive". 'Q' Bid shall be evaluated as under:-

(i) Evaluation method for arriving to L1 bidders will be total value wise evaluation. Ranking of the commercial bid will be based on the lowest cost of sum total of all items to be delivered at 504 SS&TC (GREF), Phuentsholing (Bhutan) & Dett 'A' 504 SS & TC (GREF), Samdrup Jongkhar (Bhutan) to be considered separately which will comprise of Basic Cost of items, Freight insurance, except levies, Taxes and Duties levied by Central/State Local Govts such as Octroi/Entry Tax, etc as quoted by the Bidder in his 'Q' Bid. All these elements shall mandatorily be indicated separately. Firms will have to quote for every item, failure to quote for any item will result in the disqualification of the firm in the 'Q' bid.

Contd...4/-



(ii) Any Taxes and Duties not mentioned clearly in 'Q'-Bid will not be counted and the Bidder shall not have any claim on account of such omissions on his part.

(iii) **GST/Sales Tax are not applicable for Project Dantak.** Sales tax exemption certificate will be issued to consignor. For any query regarding **exemption of GST** on import of goods and services from India to Bhutan, kindly refer to the following websites for detail information,

- (aa) www.cbec.gov.in/htdocs-cbec/gst/index.
- (ab) www.cbec.gov.in/resources/htdocs-cbec/gst/notfctn-42-igst-rate-english.pdf.
- (ac) www.cbec.gov.in/resources/htdocs-cbec/gst/notfctn-300CGST-rate-english.pdf.

(iv) **For Indian Consignor Only.** As supply to Project Dantak located outside India, no GST is applicable. Indian consignor/ Bidder shall attach undertaking certificate as per the following format mandatorily: -



UNDERTAKING CERTIFICATE

"It is certified that the goods / materials given in the Enquiry No 30003/DTK/19TF/Enq-22/E3ES dt __ Jul 2026 of HQ CE (P) Dantak will be supplied by me / our firm as export and for use in Bhutan. It is declared that no GST cost has been included by me in the rates quoted in above mentioned enquiry".

Signature with date :
Name of the bidder :
Name of firm with address:

(v) Certificate on account of GST as per Rule No 16 (1) of IGST Act 2017 will be issued on receipt of stores as format of certificate is as given under: -

(aa) It is certified that the goods supplied by your firm against SO No 30003/DTK/19TF/SO.../E3ES dated ____ 2026 for the cost of Rs ____/- (Rupees _____ only) is a zero rated supply as per GST Rule No 16 (1) of IGST Act 2017 as the goods were supplied as an export and to be used in Bhutan by this Project.

(ab) It is further certified that no amount was paid to your firm by this Project on account of GST

Consignee Unit

GST : ZERO RATED SUPPLY CERTIFICATE

(b) **Force Majeure Clause.** Should any force majeure circumstance arise, each of the contracting party shall be excused for the non-fulfilment or for the delayed fulfilment of any of its contractual obligations, if the affected party within **14 days** of its occurrence informs in a written form the other party. Force majeure shall mean fires, floods, natural disasters or other acts such as war, turmoil, strikes, sabotage explosions, and quarantine restriction beyond the control of either party. In the event of either party being rendered unable by Force Majeure to perform any obligations required to be performed by them under the purchase order the relative obligations of the party affected by such force majeure shall upon notification to the other party be suspended for the period during which force majeure event lasts. The cost and loss sustained by the either party shall be borne by the respective parties. If the force majeure conditions persist for a period exceeding 90 days the Purchaser reserves the right to cancel the purchase order in full or in part.

Consignee, Delivery & Delivery Period.

14. Supply will have to be completed within 90 days from the date of effect of supply order. The stores are required to be delivered as per Appendix 'A' attached to this enquiry to the **consignee unit 504 SS&TC (GREF), Phuentsholing (Bhutan) & Dett 'A' 504 SS&TC (GREF), Samdrup Jongkhar (Bhutan)**. The responsibility for loading and unloading of stores including transit loss shall rest with the consignor. The firm who are unable to supply the desired items within original delivery period due to any reason and are contemplating/seeking extension of original delivery period must send their request by email giving detailed reason for seeking original delivery period extension and the request should reach seven clear working days before expiring of original delivery period failing which the supply order will be considered to be terminated and firm will be responsible for the same.

Price Adjustment

15. **Prices.** All the rates/prices mentioned in the purchase order shall remain firm throughout the delivery/ shipment of the goods/ performance of the services. Price escalation on any scores whatsoever due to increase in any statutory taxes or duties will NOT be entertained.

Contd...5/-

Manufacturer/Authorized Dealer.

16. In case your firm is an **original manufacturer of the product or an authorized dealer**, a certificate to this effect shall be enclosed alongwith product catalogue and company price list, Discount, if any offered thereon shall be specified clearly. If the product is proprietary in nature, certificate to this effect that the firm is sole **OEM/ Authorised dealer/ Consignor** of the product shall be enclosed with the offer.

Freight/ Warranty

*** Freight.** Packaging and freight will be complete responsibility of the consignor. Damages/ losses in transit shall be the responsibility of the consignor upto the delivery location specified by the respective consignees. No Defence vehicles will be provided to transport the stores. Stores will be securely packed without any additional cost to the Govt to avoid losses or damages during transit so as to reach this consignee, in perfect serviceable and fit for use condition. The consignor shall remain responsible for adequacy of packages during transit. The packages shall be marked with the Supply order and other necessary details for easy identification at the consignee's end. The consignor will be responsible for unloading at FOR and to ensure that the stores are delivered in sound condition without any damage.

18. **Warranty/Guarantee** The stores supplied against the supply order shall bear a warranty against defective materials for a period of **Two years** or as specified by the company/ consignor/firm (whichever is higher) from the date of completion of the supply order. In case of manufacturing failure or defect in any component within the warranty period, the consignee shall inform the consignor for joint inspection. Within a period of one week of the receipt of such information, the rejected material shall be removed and replaced by the consignor at the site at his own expense and no extra payment shall be made on this account. All stores to be supplied should be free from all defects and faults in material workmanship and manufacture. They should be of the highest grade and consistent with the established and generally accepted standards for material of the type used and in full conformity with the specifications, drawings or samples and shall, if operable, operate properly. The Consignor shall be bound to furnish a clear written warranty regarding the same. In the event of the ultimate consignee in Bhutan not finding the stores in accordance with the order, the Consignor will be required to replace them free of cost inclusive of all freight and handling charges. Such replacement will be done within **ninety days** to the claim report raised by the Consignee. These standard conditions will also apply in respect of replaced stores.

TERMINATION OF PURCHASE ORDER

19. **Termination for Non-performance.** The Purchaser without prejudice to any other remedy for breach of purchase order, by giving a written notice for non-performance to the Seller/consignor, may terminate the purchase order in whole or in part for following reasons:-

- (a) When the supplier fails to honour any part of the supply order including failure to deliver the supply order stores/ render services in time.
- (b) When the contractor is found to have made any false or fraudulent declaration or statement to get the supply order or he is found to be indulging in unethical or unfair trade practices.
- (c) When both parties mutually agree to terminate the supply order.
- (d) When the item offered by the supplier repeatedly fails in the inspection and/or the supplier is not in a position to either rectify the defects or offer items conforming to the stores quality standards.
- (e) Any special circumstances, which must be recorded to justify the cancellation or termination of a supply order.
- (f) If the Seller/ consignor, in the either of the above condition, does not cure his failure within a stipulated period of 30 days (or such a longer period may authorize by the Purchaser in writing) after receipt of notice of non-performance form the Purchaser.

Contact Address.

20. For any further information/clarification on the subject the following Officer may be contacted during the office hours (i.e. 0830 Hrs to 1700 Hrs BST except Sunday/Holidays):-

SO-1 (Res)
Headquarters
Chief Engineer
Project Dantak
Tele No .009752351082/86/88
FAX No .009752351285

21. The accepting officer does not bind himself to accept the lowest quotation or any other quotation and reserves the right to accept or reject any of the quotation either in part or in full without assigning any reasons what so ever thereto.

22. No purchase against this enquiry is guaranteed.

23. The quantities of stores given is/are guidelines and may be enhanced or decreased upto +/- 25% according to our requirement at the time of placing of supply order.

24. Quotation received after the expiry of time and date specified in Para 02 above will not be entertained.

25. **Part payment & delivery schedules:-**

(a) Payment will be made on receipt of stores as there is no provision for making advance payment.

(b) **Delivery schedule and part payment.** The part payment and delivery schedule of stores will be carried out as per details given below subject to confirmation on applicability of part payment clause to be given by the firms as per Appx 'J' attached. In case of non-fulfillment of delivery schedule, LD clause as per Para 31 will be applicable: -

Ser No	Details	Lot No	Supply to be completed by	Part payment on completion of supply & acceptance of same by CFA/ BOO
(i)	On delivery of 50% of total store as stated in SO	1 (One)	Within 60 days of placing of SO	40 % of Supply Order amount
(ii)	On delivery of balance 50% of total store as stated in SO	2 (Two)	Within 90 days of placing of SO	60 % of Supply Order amount

26. **Repeat Order Clause.** The Consignee may order upto 50% qty of SO within six months from the date of successful completion of the supply against this contract and at the same cost, terms and conditions of the contract. The Consignor is bound to supply the material.

27. **SAMPLE INSPECTION.**

(a) THE FIRM WILL PRODUCE ONE SAMPLE OF ITEM FOR APPROVAL TO CONSIGNEE WITHIN TWENTY (20) DAYS OF PLACING OF SUPPLY ORDER ALONG WITH TEST CERTIFICATE OF THE TESTS AS MENTIONED IN PARA 29 BELOW.

(b) A BOO WILL BE CONVENED BY HQ CE (P) DANTAK FOR INSPECTION OF THE SAMPLE SUPPLIED BY EACH FIRM AS PER SPECIFICATIONS GIVEN IN THIS RFP. APPROVAL/REJECTION REPORT WILL BE SUBMITTED TO HQ CE (P) DANTAK WITHIN THREE (3) DAYS OF INSPECTION OF SAMPLE.

(c) DATE OF APPROVAL OF SAMPLE WILL HAVE NO EFFECT TO THE DELIVERY PERIOD MENTIONED IN THE RFP/SUPPLY ORDER.

28. **Test certificate** Manufacturer test certificates as well as test certificate from BIS approved laboratory for IS-16014/ any IIT will have to be produced for test as mentioned below for each lot of the items being delivered. Failure to produce any of the above tests certificates will result in rejection of the delivery lot (Rejection of delivery lot will have no effect on the original delivery period and delay in delivery caused will result in levy of LD charges as per Para 31 below).

(a) Test reports of HAR polymer coating material as per clause 7.2 of IS-16014: 2024.

(b) Test reports of abrasion resistance test as per test clause 12.7.1 of IS-16014: 2024.

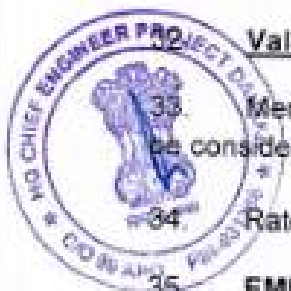
(c) Metallic coating mass as per clause 12.4 of IS-16014: 2024.

(d) Physical and mechanical test of the mesh and wire as given out in the technical specification of Gabion Box (Refer Appendix 'A' of RFP).

29. Random selection of test samples from the delivered lot may be carried out by consignee and same may be got tested from approved BIS lab/ IIT. Expenditure on such tests carried out will be born by the successful bidder without any additional financial effect.

30. **Inspection** The stores supplied will be inspected by the BOO detailed by the CFA or his authorized rep at time of delivery and should be strictly according to the specifications provided in the supply order. In case the items are found not according to specifications/satisfaction of the Inspecting Officer, the stores are liable to be rejected and will have to be replaced within 30 days without any additional cost by the consignor /firms.

31. **Liquidated damages.** The contractor / consignor shall be liable to pay as agreed, liquidated damages and not as penalty a sum equivalent to 1/2% (Half Percent) of the delivered price of the delayed goods for each week of delay or part thereof until actual delivery or performance. The consignor's liability for liquidated damages shall not exceed 10% (ten percent) of the contract price of items delayed. If the delivery is delayed beyond 10 weeks, the consignee may at his own option, terminate the contract / supply order.



Validity The rates should be valid for 120 days wef the date of submission of the offer.

Mentioning of GSTIN Nos and quoting rates in words is compulsory, without which enquiry will not be considered for placing supply order. Clear description/specification of items is also mandatory.

Rates be quoted for items as per specification in enquiry only.

35. **EMD** In case non supply of stores against this supply order, then EMD/ Performance Bank Guarantee Bank Guarantee will be ceased by department.

36. Acceptance certificate forward to HQ CE (P) Dantak against this enquiry Supply Order No 30003/DTK/19TF/SO-____/E3ES dated ____/____/ 2026. Format as per Appx 'F'.

37. **TAXES** ANY TAXES TO BE LEVIED / EXEMPTION TO BE GRANTED WILL BE APPLICABLE AS PER THE NEW GST RULES 2026 IMPLEMENTED WITH EFFECT FROM 01 JAN 2026 IN KINGDOM OF BHUTAN & PROCEDURES INVOLVED THEREBY.

38. In addition to the existing facility/provision of receiving bids at HQ CE (P) Dantak and as mentioned in clause 2 of this RFP, a facility has been created on Indian side border town of Jaigaon to facilitate submission of bids by Indian Bidders. The bidders can exercise following option and address:-

(a) **Existing facility at HQ CE (P) Dantak Thimphu:-**

(i) **If sending bids by post:-**

HQ CE (P) Dantak
PIN - 931 708
C/o 99 APO

(ii) **Manual Submission** - Dropping of bids in tender Box kept in HQ CE (P) Dantak premises.

(b) **Additional facility at Jaigaon:-**

(i) **If sending bids by post:-**

OIC Liaison Cell
Supervisor Mess, HQ 19 BRTF (GREF)
Jaigaon (W.B.)
PIN - 736 182
Contact details/ Phone No - 9970889254

(ii) **Manual submission** - Dropping of bids in tender Box kept in Supervisor Mess, HQ 19 BRTF (GREF) Jaigaon (W.B).

Address:-
OIC Liaison Cell
Supervisor Mess, HQ 19 BRTF (GREF)
Jaigaon (W.B.)
PIN - 736 182
Contact details/ Phone No - 9970889254

Please take acknowledgement from OIC Liaison Cell in case of manual submission at Jaigaon.

Note:- Last date and time for submission of bids will be same for both the location and bids from both the places will be collected and opened on fixed date by the nominated BOO at HQ CE (P) Dantak.

Yours faithfully,

(Vinod Kumar Sharma)
Lt Col
SO-1 (Res)
for Chief Engineer

Contd...8/-

LIST OF STORESAnnexure-I of Appendix 'A'HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

Ser No	Nomenclature	A/U	Qty
<u>Stores to be supplied to 504 SS&TC (GREF), Phuentsholing (Bhutan)</u>			
1	<u>Gabion Boxes Size of Box : 1.5x1x1mtr (LxHxW)</u> <u>Technical Specification for Gabion ZN+HAR 10 x 12 2.7/3.7</u> Gabion of size 1.5 x 1 x 1m must be made from double twisted hexagonal shaped steel woven wire mesh, with mesh type 10x12 having wire dia 2.7/3.7mm, mechanically edged & selvaged with Zn+High abrasion resistant polymer (HAR) coating as per IS-16014:2024 polymer coating having minimum tensile strength, parallel to twist of 32 KN/M and minimum punch strength of 17.8KN strictly as per table 7 of IS-16014:2024, The HAR Coated wire mesh, when subjected to neutral salt spray test in accordance with ISO-9227 after 3,000 hours of exposure the mesh should not exhibit more than 5% Dark Brown Rust (DBR) and the HAR Coating must be able to withstand minimum 300 cycles on liner abrader without exposing the wire strictly in accordance to IS-16014:2024. (a) Hexagonal mesh size : 100mm x 120mm (b) Mesh wire dia : 2.7mm/3.7mm (ID/OD) (c) Edge/selvage wire dia : 3.4mm/4.4mm (ID/OD) (d) Wire Diameter mm 2.7mm (e) Wire Tolerance (+) mm as per IS 280 :- 0.07 (f) Minimum Qty of Zinc (gm/m²) as per Table 6 IS-16014:2024 :- 260 (g) Lacing wire dia : 2.2mm/3.2mm (ID/OD) (h) Polymeric coating thickness : Nominal - 0.5 mm Minimum - 0.4 mm (i) Tolerance in size of gabion box Length & width +/- 5% Height > 0.3m +/- 5% Height ≤ 0.3m +/- 10% * ID- Inner Dia OD- Outer dia of polymer coated wire. (k) <u>Tensile Strength</u>:- Tensile Strength (parallel to twist) of mesh shall be minimum 32KN/M in accordance with IS-16014:2024 (l) <u>Selvage Strength</u>:- A Tensile test on mesh sample shall be carried out in order to estimate selvage strength test as per procedure mentioned in IS-16014:2024. The minimum selvage strength shall be minimum 10.20 KN/M. (m) <u>Punch Strength</u>:- Secured punch test shall be done as per the procedure given in IS-16014:2024. The minimum punch strength shall be minimum 17.8KN as per IS-16014:2024. All tests on the mesh lacing wire and selvage wire must be performed prior to manufacturing the mesh. (n) <u>Tensile Strength</u>:- The wire used for the manufacture of mesh shall have a tensile strength minimum 350N/mm² in accordance with IS 280. (o) <u>Elongation</u>:- Elongation shall not be less than 10% in accordance with IS-16014:2024. <u>INTERNAL CONNECTING WIRES:-</u> (p) <u>Cross Ties/Stiffener Wire</u>:- Diameter 2.2mm_Zinc coated wire 3.2mm when measured with High Abrasion Resistant Polymer Coating. Lacing wire shall be supplied at 3% by weight of Gabion Box (q) <u>Zinc/ Zn Alloy Coating</u>:- The wire shall have minimum quantities of Zinc/ Zn Alloy as shown in table 8 in accordance with IS 4826. (r) <u>Adhesion of Zinc Coating</u>:- The adhesion of the Zinc coating to the wire shall be such that, when the wire is wrapped ten turns around a mandrel having four times the diameter of the wire, it does not flake or crack when rubbing it with the bare fingers in accordance with IS 4826. (s) The Bidder must submit the latest test report from any of the IIT/ BIS approved lab on abrasion resistance of high abrasion resistance polymer coating along with the bid (Latest TEST REPORT NOT OLDER THAN 12 MONTHS) clearly mentioning that the HAR polymer coating is able to with stand more than 300 cycles in abrasion test conducted strictly in accordance to IS 16014-2024.	MT	02



Contd...9/-

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

Ser No	Nomenclature	A/U	Qty
2	<u>Gabion Boxes Size of Box : 1.2x1x1mtr (LxHxW)</u> <u>Technical Specification for Gabion ZN+HAR 10 x 12 2.7/3.7</u> Gabion of size 1.2 x 1 x 1m must be made from double twisted hexagonal shaped steel woven wire mesh, with mesh type 10x12 having wire dia 2.7/3.7mm, mechanically edged & selvedged with Zn+High abrasion resistant polymer (HAR) coating as per IS 16014:2024 polymer coating having minimum tensile strength, parallel to twist of 32 KN/M and minimum punch strength of 17.8KN strictly as per table 7 of IS-16014:2024. The HAR Coated wire mesh, when subjected to neutral salt spray test in accordance with ISO:9227 after 3,000 hours of exposure the mesh should not exhibit more than 5% Dark Brown Rust (DBR) and the HAR Coating must be able to withstand minimum 300 cycles on liner abrader without exposing the wire strictly in accordance to IS-16014:2024. (a) Hexagonal mesh size : 100mm x 120mm (b) Mesh wire dia : 2.7mm/3.7mm (ID/OD) (c) Edge/selvedge wire dia : 3.4mm/4.4mm (ID/OD) (d) Wire Diameter mm 2.7mm (e) Wire Tolerance (+) mm as per IS 280 :- 0.07 (f) Minimum Qty of Zinc (gm/m²) as per Table 8 IS 16014:2024 :- 260 (g) Lacing wire dia : 2.2mm/3.2mm (ID/OD) (h) Polymeric coating thickness : Nominal - 0.5 mm Minimum - 0.4 mm (j) Tolerance in size of gabion box Length & width +/- 5% Height > 0.3m +/- 5% Height ≤ 0.3m +/- 10% * ID- Inner Dia OD- Outer dia of polymer coated wire. (k) <u>Tensile Strength</u> - Tensile Strength (parallel to twist) of mesh shall be minimum 32KN/M in accordance with IS-16014:2024 (l) <u>Selvedge Strength</u> - A Tensile test on mesh sample shall be carried out in order to estimate selvedge strength test as per procedure mentioned in IS-16014:2024. The minimum selvedge strength shall be minimum 10.20 KN/M. (m) <u>Punch Strength</u> - Secured punch test shall be done as per the procedure given in IS-16014:2024. The minimum punch strength shall be minimum 17.8KN as per IS-16014:2024. All tests on the mesh lacing wire and selvedge wire must be performed prior to manufacturing the mesh. (n) <u>Tensile Strength</u> - The wire used for the manufacture of mesh shall have a tensile strength minimum 350N/mm² in accordance with IS 280. (o) <u>Elongation</u> - Elongation shall not be less than 10% in accordance with IS 16014:2024. <u>INTERNAL CONNECTING WIRES:-</u> (p) <u>Cross Ties/Stiffener Wire</u> - Diameter 2.2mm, Zinc coated wire 3.2mm when measured with High Abrasion Resistant Polymer Coating. Lacing wire shall be supplied at 3% by weight of Gabion Box (q) <u>Zinc/ Zn Alloy Coating</u> - The wire shall have minimum quantities of Zinc/ Zn Alloy as shown in table 8 in accordance with IS 4826. (r) <u>Adhesion of Zinc Coating</u> - The adhesion of the Zinc coating to the wire shall be such that, when the wire is wrapped ten turns around a mandrel having four times the diameter of the wire, it does not flake or crack when rubbing it with the bare fingers in accordance with IS 4826. (s) The Bidder must submit the latest test report from any of the IIT/ BIS approved lab on abrasion resistance of high abrasion resistance polymer coating along with the bid (Latest TEST REPORT NOT OLDER THAN 12 MONTHS) clearly mentioning that the HAR polymer coating is able to with stand more than 300 cycles in abrasion test conducted strictly in accordance to IS 16014:2024.	MT	03



Contd...10/-

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

Ser No	Nomenclature	A/U	Qty
3	Gabion Boxes Size of Box : 2 x 1 x 1mtr (LxHxW) Technical Specification for Gabion ZN+HAR 10 x 12 2.7/3.7 Gabion of size 2 x 1 x 1m must be made from double twisted hexagonal shaped steel woven wire mesh, with mesh type 10x12 having wire dia 2.7/3.7mm, mechanically edged & selvaged with Zn+High abrasion resistant polymer (HAR) coating as per IS 16014:2024 polymer coating having minimum tensile strength, parallel to twist of 32 KN/M and minimum punch strength of 17.8KN strictly as per table 7 of IS-16014:2024. The HAR Coated wire mesh, when subjected to neutral salt spray test in accordance with ISO:9227 after 3,000 hours of exposure the mesh should not exhibit more than 5% Dark Brown Rust (DBR) and the HAR Coating must be able to withstand minimum 300 cycles on liner abrader without exposing the wire strictly in accordance to IS-16014:2024. (a) Hexagonal mesh size : 100mm x 120mm (b) Mesh wire dia : 2.7mm/3.7mm (ID/OD) (c) Edge/selvage wire dia : 3.4mm/4.4mm (ID/OD) (d) Wire Diameter mm 2.7mm (e) Wire Tolerance (+) mm as per IS 280 :- 0.07 (f) Minimum Qty of Zinc (gm/m²) as per Table 8 IS-16014:2024 :- 260 (g) Lacing wire dia : 2.2mm/3.2mm (ID/OD) (h) Polymeric coating thickness : Nominal - 0.5 mm Minimum - 0.4 mm (i) Tolerance in size of gabion box Length & width +/- 5% Height > 0.3m +/- 5% Height ≤ 0.3m +/- 10% * ID- Inner Dia OD- Outer dia of polymer coated wire. (k) Tensile Strength- Tensile Strength (parallel to twist) of mesh shall be minimum 32KN/M in accordance with IS-16014:2024 (l) Selvage Strength- A Tensile test on mesh sample shall be carried out in order to estimate selvage strength test as per procedure mentioned in IS-16014:2024. The minimum selvage strength shall be minimum 10.20 KN/M. (m) Punch Strength- Secured punch test shall be done as per the procedure given in IS-16014:2024. The minimum punch strength shall be minimum 17.8KN as per IS-16014:2024. All tests on the mesh lacing wire and selvage wire must be performed prior to manufacturing the mesh. (n) Tensile Strength- The wire used for the manufacture of mesh shall have a tensile strength minimum 350N/mm² in accordance with IS 280. (o) Elongation- Elongation shall not be less than 10% in accordance with IS 16014:2024. INTERNAL CONNECTING WIRES:- (p) Cross Ties/Stiffener Wire- Diameter 2.2mm_Zinc coated wire 3.2mm when measured with High Abrasion Resistant Polymer Coating. Lacing wire shall be supplied at 3% by weight of Gabion Box (q) Zinc/ Zn Alloy Coating- The wire shall have minimum quantities of Zinc/ Zn Alloy as shown in table 8 in accordance with IS 4826. (r) Adhesion of Zinc Coating- The adhesion of the Zinc coating to the wire shall be such that, when the wire is wrapped ten turns around a mandrel having four times the diameter of the wire, it does not flake or crack when rubbing it with the bare fingers in accordance with IS 4826. (s) The Bidder must submit the latest test report from any of the IIT/ BIS approved lab on abrasion resistance of high abrasion resistance polymer coating along with the bid (Latest TEST REPORT NOT OLDER THAN 12 MONTHS) clearly mentioning that the HAR polymer coating is able to with stand more than 300 cycles in abrasion test conducted strictly in accordance to IS 16014:2024.	MT	04

Note:- MAKE OF ITEMS SHOULD BE AS PER BHUTAN STANDARDS BUREAU (BSB) CERTIFIED BRAND (UPLOADED ON BSB WEBSITE).

Registration No. of Firm
 TIN No. of Firm
 Firm Seal
 Fax & Tele No.




 (Vinod Kumar Sharma)
 Lt Col
 SO -1 (Res)
 for Chief Engineer

Contd...11/-

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

Ser No	Nomenclature	A/U	Qty
Stores to be supplied to Dett 'A' 504 SS&TC (GREF), Samdrup Jongkhar (Bhutan)			
4	Gabion Boxes Size of Box : 1.5x1x1mtr (LxHxW) Technical Specification for Gabion ZN+HAR 10 x 12 2.7/3.7 Gabion of size 1.5 x 1 x 1m must be made from double twisted hexagonal shaped steel woven wire mesh, with mesh type 10x12 having wire dia 2.7/3.7mm, mechanically edged & selvaged with Zn+High abrasion resistant polymer (HAR) coating as per IS 16014:2024 polymer coating having minimum tensile strength, parallel to twist of 32 KN/M and minimum punch strength of 17.8KN strictly as per table 7 of IS-16014:2024. The HAR Coated wire mesh, when subjected to neutral salt spray test in accordance with ISO-9227 after 3,000 hours of exposure the mesh should not exhibit more than 5% Dark Brown Rust (DBR) and the HAR Coating must be able to withstand minimum 300 cycles on liner abrader without exposing the wire strictly in accordance to IS-16014:2024. (a) Hexagonal mesh size : 100mm x 120mm (b) Mesh wire dia : 2.7mm/3.7mm (ID/OD) (c) Edge/selvage wire dia : 3.4mm/4.4mm (ID/OD) (d) Wire Diameter mm 2.7mm (e) Wire Tolerance (+) mm as per IS 280 :- 0.07 (f) Minimum Qty of Zinc (gm/m²) as per Table 8 IS-16014:2024 :- 260 (g) Lacing wire dia : 2.2mm/3.2mm (ID/OD) (h) Polymeric coating thickness : Nominal - 0.5 mm Minimum - 0.4 mm (i) Tolerance in size of gabion box Length & width +/- 5% Height > 0.3m +/- 5% Height ≤ 0.3m +/- 10% * ID- Inner Dia OD- Outer dia of polymer coated wire. (k) Tensile Strength - Tensile Strength (parallel to twist) of mesh shall be minimum 32KN/M in accordance with IS-16014:2024 (l) Selvage Strength - A Tensile test on mesh sample shall be carried out in order to estimate selvage strength test as per procedure mentioned in IS-16014:2024. The minimum selvage strength shall be minimum 10.20 KN/M. (m) Punch Strength - Secured punch test shall be done as per the procedure given in IS-16014:2024. The minimum punch strength shall be minimum 17.8KN as per IS-16014:2024. All tests on the mesh lacing wire and selvage wire must be performed prior to manufacturing the mesh. (n) Tensile Strength - The wire used for the manufacture of mesh shall have a tensile strength minimum 350N/mm² in accordance with IS 280. (o) Elongation - Elongation shall not be less than 10% in accordance with IS 16014:2024. INTERNAL CONNECTING WIRES - (p) Cross Ties/Stiffener Wire - Diameter 2.2mm_Zinc coated wire 3.2mm when measured with High Abrasion Resistant Polymer Coating. Lacing wire shall be supplied at 3% by weight of Gabion Box (q) Zinc/ Zn Alloy Coating - The wire shall have minimum quantities of Zinc/ Zn Alloy as shown in table 8 in accordance with IS 4826. (r) Adhesion of Zinc Coating - The adhesion of the Zinc coating to the wire shall be such that, when the wire is wrapped ten turns around a mandrel having four times the diameter of the wire, it does not flake or crack when rubbing it with the bare fingers in accordance with IS 4826. (s) The Bidder must submit the latest test report from any of the IIT/ BIS approved lab on abrasion resistance of high abrasion resistance polymer coating along with the bid (Latest TEST REPORT NOT OLDER THAN 12 MONTHS) clearly mentioning that the HAR polymer coating is able to with stand more than 300 cycles in abrasion test conducted strictly in accordance to IS 16014:2024.	MT	40



Contd...12/-

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

Ser No	Nomenclature	A/U	Qty
5	<u>Gabion Boxes Size of Box : 2 x1x1mtr (LxHxW)</u> <u>Technical Specification for Gabion ZN+HAR 10 x 12 2.7/3.7</u> Gabion of size 2 x 1 x 1m must be made from double twisted hexagonal shaped steel woven wire mesh, with mesh type 10x12 having wire dia 2.7/3.7mm, mechanically edged & selvedged with Zn+High abrasion resistant polymer (HAR) coating as per IS 16014:2024 polymer coating having minimum tensile strength, parallel to twist of 32 KN/M and minimum punch strength of 17.8KN strictly as per table 7 of IS-16014:2024. The HAR Coated wire mesh, when subjected to neutral salt spray test in accordance with ISO:9227 after 3,000 hours of exposure the mesh should not exhibit more than 5% Dark Brown Rust (DBR) and the HAR Coating must be able to withstand minimum 300 cycles on liner abrader without exposing the wire strictly in accordance to IS-16014:2024. (a) Hexagonal mesh size : 100mm x 120mm (b) Mesh wire dia : 2.7mm/3.7mm (ID/OD) (c) Edge/selvedge wire dia : 3.4mm/4.4mm (ID/OD) (d) Wire Diameter mm 2.7mm (e) Wire Tolerance (+) mm as per IS 280 :- 0.07 (f) Minimum Qty of Zinc (gm/m²) as per Table 8 IS-16014:2024 :- 260 (g) Lacing wire dia : 2.2mm/3.2mm (ID/OD) (h) Polymeric coating thickness : Nominal - 0.5 mm Minimum - 0.4 mm (i) Tolerance in size of gabion box Length & width +/- 5% Height > 0.3m +/- 5% Height ≤ 0.3m +/- 10% * ID- Inner Dia OD- Outer dia of polymer coated wire. (k) <u>Tensile Strength</u> - Tensile Strength (parallel to twist) of mesh shall be minimum 32KN/M in accordance with IS-16014:2024 (l) <u>Selvedge Strength</u> - A Tensile test on mesh sample shall be carried out in order to estimate selvedge strength test as per procedure mentioned in IS-16014:2024. The minimum selvedge strength shall be minimum 10.20 KN/M. (m) <u>Punch Strength</u> - Secured punch test shall be done as per the procedure given in IS-16014:2024. The minimum punch strength shall be minimum 17.8KN as per IS-16014:2024. All tests on the mesh lacing wire and selvedge wire must be performed prior to manufacturing the mesh. (n) <u>Tensile Strength</u> - The wire used for the manufacture of mesh shall have a tensile strength minimum 350N/mm² in accordance with IS 280. (o) <u>Elongation</u> - Elongation shall not be less than 10% in accordance with IS 16014:2024. <u>INTERNAL CONNECTING WIRES -</u> (p) <u>Cross Ties/Stiffener Wire</u> - Diameter 2.2mm_Zinc coated wire 3.2mm when measured with High Abrasion Resistant Polymer Coating. Lacing wire shall be supplied at 3% by weight of Gabion Box (q) <u>Zinc/ Zn Alloy Coating</u> - The wire shall have minimum quantities of Zinc/ Zn Alloy as shown in table 8 in accordance with IS 4826. (r) <u>Adhesion of Zinc Coating</u> - The adhesion of the Zinc coating to the wire shall be such that, when the wire is wrapped ten turns around a mandrel having four times the diameter of the wire, it does not flake or crack when rubbing it with the bare fingers in accordance with IS 4826 (s) The Bidder must submit the latest test report from any of the IIT/ BIS approved lab on abrasion resistance of high abrasion resistance polymer coating along with the bid (Latest TEST REPORT NOT OLDER THAN 12 MONTHS) clearly mentioning that the HAR polymer coating is able to with stand more than 300 cycles in abrasion test conducted strictly in accordance to IS 16014:2024.	MT	80

Note:- MAKE OF ITEMS SHOULD BE AS PER BHUTAN STANDARDS BUREAU (BSB) CERTIFIED BRAND (UPLOADED ON BSB WEBSITE)

Registration No. of Firm
 Firm Seal
 Fax & Tele No.



(Vinod Kumar Sharma
 SO -1 (Res)
 for Chief Engineer

Contd... 13/-

TECHNICAL BID ('T' BID)

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026
(As per Clause Para 5)

PARTICULAR OF FIRM		
SER NO	ITEMS	DETAILS
1.	Name of firms	
2.	Legal Status of the firm	Individual company (Incorporated un-incorporated)/ Partnership firm / public limited
3.	Address	
4.	Contact Telephone, Mobile & Fax No	
5.	E-mail address	
6.	GSTIN No	
7.	PAN No	
8.	Registration details :-	
	(a) Registration/Enlistment No.	
	(b) With whom registered /enlisted	
	(c) Letter ref under which registered/enlisted (Enclose copy)	
9.	EMD (For unregistered consignor / firm only) EMD in the form of cheque is not acceptable. EMD be submitted in the form of Fixed Deposit Receipt or Bank Guarantee only	Amount Rs 2,86,380/- Fixed Deposit Receipt or Bank Guarantee Number _____ Dated : _____
Date		(Signature of authorized rep of firm with seal)

Note:

1. Firm enlisted with HQ CE (Project) Dantak need not enclose photocopy of GSTIN No, PAN No and copy of letters reference under which registered. Rest all firms should enclose relevant photocopies.
2. Firms should enclose all relevant documents as mentioned under Para 5 of this Enquiry in addition to the above details, failing which the firm will be rejected during 'T' Bid evaluation.

(Signature of consignor)



(Vinod Kumar Sharma)
Lt Col
SO-1 (Res)
for Chief Engineer

Contd... 14/-

PRICE BID ('Q' BID)

Appendix 'G'

Annexure-I of Appendix 'C'

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

Ser No	Nomenclature	A/U	Qty	Basic Price (Unit price) including Freight Charges	Bhutan GST [Excl (e)]	Total Amt
(a)	(b)	(c)	(d)	(e)	(f)	(g)
Stores to be supplied to 504 SS & TC (GREF) Phuentsholing (Bhutan)						
1	Gabion Boxes Size of Box : 1.5x1x1mtr (LxHxW) Technical Specification for Gabion ZN+HAR 10 x 12 2.7/3.7 Gabion of size 1.5 x 1 x 1m must be made from double twisted hexagonal shaped steel woven wire mesh, with mesh type 10x12 having wire dia 2.7/3.7mm, mechanically edged & selvaged with Zn+High abrasion resistant polymer (HAR) coating as per IS-16014:2024 polymer coating having minimum tensile strength, parallel to twist of 32 KN/M and minimum punch strength of 17.8KN strictly as per table 7 of IS-16014:2024. The HAR Coated wire mesh, when subjected to neutral salt spray test in accordance with ISO:9227 after 3,000 hours of exposure the mesh should not exhibit more than 5% Dark Brown Rust (DBR) and the HAR Coating must be able to withstand minimum 300 cycles on liner abrader without exposing the wire strictly in accordance to IS-16014:2024. (a) Hexagonal mesh size : 100mm x 120mm (b) Mesh wire dia : 2.7mm/3.7mm (ID/OD) (c) Edge/selvage wire dia : 3.4mm/4.4mm (ID/OD) (d) Wire Diameter mm 2.7mm (e) Wire Tolerance (+) mm as per IS 280 :- 0.07 (f) Minimum Qty of Zinc (gm/m²) as per Table 8 IS-16014:2024 :- 260 (g) Lacing wire dia : 2.2mm/3.2mm (ID/OD) (h) Polymeric coating thickness : Nominal - 0.5 mm Minimum - 0.4 mm (j) Tolerance in size of gabion box Length & width +/- 5% Height > 0.3m +/- 5% Height ≤ 0.3m +/- 10% * ID- Inner Dia OD- Outer dia of polymer coated wire. (k) Tensile Strength- Tensile Strength (parallel to twist) of mesh shall be minimum 32KN/M in accordance with IS-16014:2024 (l) Selvage Strength- A Tensile test on mesh sample shall be carried out in order to estimate selvage strength test as per procedure mentioned in IS-16014:2024. The minimum selvage strength shall be minimum 10.20 KN/M. (m) Punch Strength- Secured punch test shall be done as per the procedure given in IS- 16014:2024. The minimum punch strength shall be minimum 17.8KN as per IS-16014:2024. All tests on the mesh lacing wire and selvage wire must be performed prior to manufacturing the mesh. (n) Tensile Strength- The wire used for the manufacture of mesh shall have a tensile strength minimum 350N/mm² in accordance with IS 280. (o) Elongation- Elongation shall not be less than 10% in accordance with IS-16014:2024. INTERNAL CONNECTING WIRES- (p) Cross Ties/Stiffener Wire- Diameter 2.2mm, Zinc coated wire 3.2mm when measured with High Abrasion Resistant Polymer Coating. Lacing wire shall be supplied at 3% by weight of Gabion Box (q) Zinc/ Zn Alloy Coating- The wire shall have minimum quantities of Zinc/ Zn Alloy as shown in table 8 in accordance with IS 4826. (r) Adhesion of Zinc Coating- The adhesion of the Zinc coating to the wire shall be such that, when the wire is wrapped ten turns around a mandrel having four times the diameter of the wire, it does not flake or crack when rubbing it with the bare fingers in accordance with IS 4826. (s) The Bidder must submit the latest test report from any of the IIT/ BIS approved lab on abrasion resistance of high abrasion resistance polymer coating along with the bid (Latest TEST REPORT NOT OLDER THAN 12 MONTHS) clearly mentioning that the HAR polymer coating is able to withstand more than 300 cycles in abrasion test conducted strictly in accordance to IS 16014:2024.	MT	Q2			



Contd....15/-

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

Ser No	Nomenclature	A/U	Qty	Basic Price (Unit price) including Freight Charges	Bhutan GST [Excl (e)]	Total Amt
(a)	(b)	(c)	(d)	(e)	(f)	(g)
2	Gabion Boxes Size of Box : 1.2x1x1mtr (LxHxW) Technical Specification for Gabion ZN+HAR 10 x 12 2.7/3.7 Gabion of size 1.2 x 1 x 1m must be made from double twisted hexagonal shaped steel woven wire mesh, with mesh type 10x12 having wire dia 2.7/3.7mm, mechanically edged & selvaged with Zn+High abrasion resistant polymer (HAR) coating as per IS 16014:2024 polymer coating having minimum tensile strength, parallel to twist of 32 KNM and minimum punch strength of 17.8KN strictly as per table 7 of IS-16014:2024. The HAR Coated wire mesh, when subjected to neutral salt spray test in accordance with ISO:9227 after 3,000 hours of exposure the mesh should not exhibit more than 5% Dark Brown Rust (DBR) and the HAR Coating must be able to withstand minimum 300 cycles on liner abradar without exposing the wire strictly in accordance to IS-16014:2024. (a) Hexagonal mesh size : 100mm x 120mm (b) Mesh wire dia : 2.7mm/3.7mm (ID/OD) (c) Edge/selvage wire dia : 3.4mm/4.4mm (ID/OD) (d) Wire Diameter mm 2.7mm (e) Wire Tolerance (+) mm as per IS 280 :- 0.07 (f) Minimum Qty of Zinc (g/m²) as per Table 8 IS 16014:2024 :- 260 (g) Lacing wire dia : 2.2mm/3.2mm (ID/OD) (h) Polymeric coating thickness : Nominal - 0.5 mm Minimum - 0.4 mm (i) Tolerance in size of gabion box Length & width +/- 5% Height > 0.3m +/- 5% Height ≤ 0.3m +/- 10% * ID- Inner Dia OD- Outer dia of polymer coated wire. (k) <u>Tensile Strength</u>:- Tensile Strength (parallel to twist) of mesh shall be minimum 32KN/M in accordance with IS-16014:2024 (l) <u>Selvage Strength</u>:- A Tensile test on mesh sample shall be carried out in order to estimate selvage strength test as per procedure mentioned in IS-16014:2024. The minimum selvage strength shall be minimum 10.20 KN/M. (m) <u>Punch Strength</u>:- Secured punch test shall be done as per the procedure given in IS- 16014:2024. The minimum punch strength shall be minimum 17.8KN as per IS-16014:2024. All tests on the mesh lacing wire and selvage wire must be performed prior to manufacturing the mesh. (n) <u>Tensile Strength</u>:- The wire used for the manufacture of mesh shall have a tensile strength minimum 350N/mm² in accordance with IS 280. (o) <u>Elongation</u>:- Elongation shall not be less than 10% in accordance with IS 16014:2024. INTERNAL CONNECTING WIRES:- (p) <u>Cross Ties/Stiffener Wire</u>:- Diameter 2.2mm, Zinc coated wire 3.2mm when measured with High Abrasion Resistant Polymer Coating. Lacing wire shall be supplied at 3% by weight of Gabion Box (q) <u>Zinc/ Zn Alloy Coating</u>:- The wire shall have minimum quantities of Zinc/ Zn Alloy as shown in table 8 in accordance with IS 4826 (r) <u>Adhesion of Zinc Coating</u>:- The adhesion of the Zinc coating to the wire shall be such that, when the wire is wrapped ten turns around a mandrel having four times the diameter of the wire, it does not flake or crack when rubbing it with the bare fingers in accordance with IS 4826. (s) The Bidder must submit the latest test report from any of the IIT/ BIS approved lab on abrasion resistance of high abrasion resistance polymer coating along with the bid (Latest TEST REPORT NOT OLDER THAN 12 MONTHS) clearly mentioning that the HAR polymer coating is able to with stand more than 300 cycles in abrasion test conducted strictly in accordance to IS 16014:2024.	MT	03			



Contd....16/-

Ser No	Nomenclature	A/U	Qty	Basic Price (Unit price) Including Freight Charges	Bhutan GST [Excl (e)]	Total Amt
(a)	(b)	(c)	(d)	(e)	(f)	(g)
3	Gabion Boxes Size of Box : 2 x1x1mtr (LxHxW) Technical Specification for Gabion ZN+HAR 10 x 12 2.7/3.7 Gabion of size 2 x 1 x 1m with one central diaphragm must be made from double twisted hexagonal shaped steel woven wire mesh, with mesh type 10x12 having wire dia 2.7/3.7mm, mechanically edged & selvedged with Zn+High abrasion resistant polymer (HAR) coating as per IS 16014:2024 polymer coating having minimum tensile strength, parallel to twist of 32 KN/M and minimum punch strength of 17.8KN strictly as per table 7 of IS-16014:2024. The HAR Coated wire mesh, when subjected to neutral salt spray test in accordance with ISO:9227 after 3,000 hours of exposure the mesh should not exhibit more than 5% Dark Brown Rust (DBR) and the HAR Coating must be able to withstand minimum 300 cycles on liner abrader without exposing the wire strictly in accordance to IS-16014:2024. (a) Hexagonal mesh size : 100mm x 120mm (b) Mesh wire dia : 2.7mm/3.7mm (ID/OD) (c) Edge/selvedge wire dia : 3.4mm/4.4mm (ID/OD) (d) Wire Diameter mm 2.7mm (e) Wire Tolerance (+) mm as per IS 280 :- 0.07 (f) Minimum Qty of Zinc (gm/m²) as per Table 6 IS-16014:2024 :- 260 (g) Lacing wire dia : 2.2mm/3.2mm (ID/OD) (h) Polymeric coating thickness : Nominal - 0.5 mm Minimum - 0.4 mm (i) Tolerance in size of gabion box Length & width +/- 5% Height > 0.3m +/- 5% Height ≤ 0.3m +/- 10% * ID- Inner Dia OD- Outer dia of polymer coated wire. (k) <u>Tensile Strength</u>- Tensile Strength (parallel to twist) of mesh shall be minimum 32KN/M in accordance with IS-16014:2024. (l) <u>Selvedge Strength</u>- A Tensile test on mesh sample shall be carried out in order to estimate selvedge strength test as per procedure mentioned in IS-16014:2024. The minimum selvedge strength shall be minimum 10.20 KN/M. (m) <u>Punch Strength</u>- Secured punch test shall be done as per the procedure given in IS- 16014:2024. The minimum punch strength shall be minimum 17.8KN as per IS-16014:2024. All tests on the mesh lacing wire and selvedge wire must be performed prior to manufacturing the mesh. (n) <u>Tensile Strength</u>- The wire used for the manufacture of mesh shall have a tensile strength minimum 350N/mm² in accordance with IS 280. (o) <u>Elongation</u>- Elongation shall not be less than 10% in accordance with IS 16014:2024. INTERNAL CONNECTING WIRES:- (p) <u>Cross Ties/Stiffener Wire</u>- Diameter 2.2mm, Zinc coated wire 3.2mm when measured with High Abrasion Resistant Polymer Coating. Lacing wire shall be supplied at 3% by weight of Gabion Box (q) <u>Zinc/ Zn Alloy Coating</u>- The wire shall have minimum quantities of Zinc/ Zn Alloy as shown in table 8 in accordance with IS 4826. (r) <u>Adhesion of Zinc Coating</u>- The adhesion of the Zinc coating to the wire shall be such that, when the wire is wrapped ten turns around a mandrel having four times the diameter of the wire, it does not flake or crack when rubbing it with the bare fingers in accordance with IS 4826. (s) The Bidder must submit the latest test report from any of the IIT/ BIS approved lab on abrasion resistance of high abrasion resistance polymer coating along with the bid (Latest TEST REPORT NOT OLDER THAN 12 MONTHS) clearly mentioning that the HAR polymer coating is able to with stand more than 300 cycles in abrasion test conducted strictly in accordance to IS 16014-2024.	MT	04			
				Total Amount		
In words (Rupees _____)				only)		

Note:- MAKE OF ITEMS SHOULD BE AS PER BHUTAN STANDARDS BUREAU (BSB) CERTIFIED BRAND (UPLOADED ON BSB WEBSITE).



Registration No. of Firm
 TIN No. of Firm
 Firm Seal
 Fax & Tele No.


 (Vinod Kumar Sharma)
 Lt Col
 SO -1 (Res)
 for Chief Engineer
 Contd....17/-



HQ-CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

Ser No	Nomenclature	A/U	Qty	Basic Price (Unit price) Including Freight Charges	Bhutan GST [Excl (e)]	Total Amt
(a)	(b)	(c)	(d)	(e)	(f)	(g)
Stores to be supplied to Dett 'A' 504 SS&TC (GREF), Samdrup Jongkhar (Bhutan)						
4	Gabion Boxes Size of Box : 1.5x1x1mtr (LxHxW) Technical Specification for Gabion ZN+HAR 10 x 12 2.7/3.7 Gabion of size 1.5 x 1 x 1m must be made from double twisted hexagonal shaped steel woven wire mesh, with mesh type 10x12 having wire dia 2.7/3.7mm, mechanically edged & selvaged with Zn+High abrasion resistant polymer (HAR) coating as per IS 16014:2024 polymer coating having minimum tensile strength, parallel to twist of 32 KN/M and minimum punch strength of 17.8KN strictly as per table 7 of IS-16014:2024, The HAR Coated wire mesh, when subjected to neutral salt spray test in accordance with ISO-9227 after 3,000 hours of exposure the mesh should not exhibit more than 5% Dark Brown Rust (DBR) and the HAR Coating must be able to withstand minimum 300 cycles on liner abrader without exposing the wire strictly in accordance to IS-16014:2024. (a) Hexagonal mesh size : 100mm x 120mm (b) Mesh wire dia : 2.7mm/3.7mm (ID/OD) (c) Edge/selvage wire dia : 3.4mm/4.4mm (ID/OD) (d) Wire Diameter mm 2.7mm (e) Wire Tolerance (+) mm as per IS 280 :- 0.07 (f) Minimum Qty of Zinc (gm/m²) as per Table 8 IS-16014:2024 :- 260 (g) Lacing wire dia : 2.2mm/3.2mm (ID/OD) (h) Polymeric coating thickness : Nominal - 0.5 mm Minimum - 0.4 mm (i) Tolerance in size of gabion box Length & width +/- 5% Height > 0.3m +/- 5% Height ≤ 0.3m +/- 10% * ID- Inner Dia OD- Outer dia of polymer coated wire. (k) Tensile Strength- Tensile Strength (parallel to twist) of mesh shall be minimum 32KN/M in accordance with IS-16014:2024 (l) Selvage Strength- A Tensile test on mesh sample shall be carried out in order to estimate selvage strength test as per procedure mentioned in IS-16014:2024. The minimum selvage strength shall be minimum 10.20 KN/M. (m) Punch Strength- Secured punch test shall be done as per the procedure given in IS- 16014:2024. The minimum punch strength shall be minimum 17.8KN as per IS-16014:2024. All tests on the mesh lacing wire and selvage wire must be performed prior to manufacturing the mesh. (n) Tensile Strength- The wire used for the manufacture of mesh shall have a tensile strength minimum 350N/mm² in accordance with IS 280. (o) Elongation- Elongation shall not be less than 10% in accordance with IS 16014:2024. INTERNAL CONNECTING WIRES:- (p) Cross Ties/Stiffener Wire- Diameter 2.2mm, Zinc coated wire 3.2mm when measured with High Abrasion Resistant Polymer Coating. Lacing wire shall be supplied at 3% by weight of Gabion Box (q) Zinc/ Zn Alloy Coating- The wire shall have minimum quantities of Zinc/ Zn Alloy as shown in table 8 in accordance with IS 4826. (r) Adhesion of Zinc Coating- The adhesion of the Zinc coating to the wire shall be such that, when the wire is wrapped ten turns around a mandrel having four times the diameter of the wire, it does not flake or crack when rubbing it with the bare fingers in accordance with IS 4826. (s) The Bidder must submit the latest test report from any of the IIT/ BIS approved lab on abrasion resistance of high abrasion resistance polymer coating along with the bid (Latest TEST REPORT NOT OLDER THAN 12 MONTHS) clearly mentioning that the HAR polymer coating is able to with stand more than 300 cycles in abrasion test conducted strictly in accordance to IS 16014:2024.	MT	40			

Ser No	Nomenclature	A/U	Qty	Basic Price (Unit price) Including Freight Charges	Bhutan GST [Excl (e)]	Total Amt
(a)	(b)	(c)	(d)	(e)	(f)	(g)
5	Gabion Boxes Size of Box : 2 x1x1mtr (LxHxW) Technical Specification for Gabion ZN+HAR 10 x 12 2.7/3.7 Gabion of size 2 x 1 x 1m with one central diaphragm must be made from double twisted hexagonal shaped steel woven wire mesh, with mesh type 10x12 having wire dia 2.7/3.7mm, mechanically edged & selvaged with Zn+High abrasion resistant polymer (HAR) coating as per IS 16014:2024 polymer coating having minimum tensile strength, parallel to twist of 32 KNM and minimum punch strength of 17.8KN strictly as per table 7 of IS-16014:2024, The HAR Coated wire mesh, when subjected to neutral salt spray test in accordance with ISO-9227 after 3,000 hours of exposure the mesh should not exhibit more than 5% Dark Brown Rust (DBR) and the HAR Coating must be able to withstand minimum 300 cycles on liner abrader without exposing the wire strictly in accordance to IS-16014:2024, (a) Hexagonal mesh size : 100mm x 120mm (b) Mesh wire dia : 2.7mm/3.7mm (ID/OD) (c) Edge/selvage wire dia : 3.4mm/4.4mm (ID/OD) (d) Wire Diameter mm 2.7mm (e) Wire Tolerance (+) mm as per IS 280 :- 0.07 (f) Minimum Qty of Zinc (gm/m²) as per Table 8 IS-16014:2024 :- 260 (g) Lacing wire dia : 2.2mm/3.2mm (ID/OD) (h) Polymeric coating thickness: Nominal - 0.5 mm Minimum - 0.4 mm (i) Tolerance in size of gabion box Length & width +/- 5% Height ≥ 0.3m +/- 5% Height ≤ 0.3m +/- 10% * ID- Inner Dia OD- Outer dia of polymer coated wire. (k) Tensile Strength- Tensile Strength (parallel to twist) of mesh shall be minimum 32KNM in accordance with IS-16014:2024 (l) Selvage Strength- A Tensile test on mesh sample shall be carried out in order to estimate selvage strength test as per procedure mentioned in IS-16014:2024. The minimum selvage strength shall be minimum 10.20 KNM. (m) Punch Strength- Secured punch test shall be done as per the procedure given in IS- 16014:2024. The minimum punch strength shall be minimum 17.8KN as per IS-16014:2024. All tests on the mesh lacing wire and selvage wire must be performed prior to manufacturing the mesh. (n) Tensile Strength- The wire used for the manufacture of mesh shall have a tensile strength minimum 350N/mm² in accordance with IS 280. (o) Elongation- Elongation shall not be less than 10% in accordance with IS 16014:2024. INTERNAL CONNECTING WIRES- (p) Cross Ties/Stiffener Wire- Diameter 2.2mm, Zinc coated wire 3.2mm when measured with High Abrasion Resistant Polymer Coating. Lacing wire shall be supplied at 3% by weight of Gabion Box (q) Zinc/ Zn Alloy Coating- The wire shall have minimum quantities of Zinc/ Zn Alloy as shown in table 8 in accordance with IS 4826. (r) Adhesion of Zinc Coating- The adhesion of the Zinc coating to the wire shall be such that, when the wire is wrapped ten turns around a mandrel having four times the diameter of the wire, it does not flake or crack when rubbing it with the bare fingers in accordance with IS 4826. (s) The Bidder must submit the latest test report from any of the IIT/ BIS approved lab on abrasion resistance of high abrasion resistance polymer coating along with the bid (Latest TEST REPORT NOT OLDER THAN 12 MONTHS) clearly mentioning that the HAR polymer coating is able to with stand more than 300 cycles in abrasion test conducted strictly in accordance to IS 16014:2024.	MT	80			
				Total Amount		
In words (Rupees				only)		

Note:- MAKE OF ITEMS SHOULD BE AS PER BHUTAN STANDARDS BUREAU (BSB) CERTIFIED BRAND (UPLOADED ON BSB WEBSITE)

Registration No. of Firm
 TIN No. of Firm
 Firm Seal
 Fax & Tele No.



(Vinod Kumar Sharma)
 Lt Col
 SO -1 (Res)
 for Chief Engineer

Appendix 'D'EMD BANK GUARANTEE FORMATHQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

Whereas (hereinafter called the "Bidder") has submitted their offer against enquiry No 30003/DTK/19TF/ENQ-22/E3ES dated 02 Sep 2026 for the supply of stores (hereinafter called the "Bid") against the Buyer's Request for proposal No 30003/DTK/19TF/SO-/E3ES dated ____/____/2026 KNOW ALL MEN by these presents that we of having our registered office at are bound unto (hereinafter called the "Buyer") in the sum of for which payment will and truly to be made to the said Buyer, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this day of ____/____/ie 2025.

The conditions of obligations are:-

1. If the Bidder withdraws or amends, impairs or derogates from the Bid in any respect within the period of validity of this tender.
2. If the Bidder having been notified of the acceptance of his tender by the Buyer during the period of its validity.
3. If the Bidder fails to furnish the Performance Bank Guarantee for the due performance of the supply order.
4. Fails or refuses to accept/execute the supply order.

WE undertake to pay the Buyer up to the above amount upon receipt of its first written demand, without the Buyer having to substantiate its demand, provided that in its demand the Buyer will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions. This guarantee will remain in force upto and including 90 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

.....

(Signature of the authorized officer of the Bank)

Name and designation of the officer

Seal, name & address of the Bank and address of the Branch



Contd...20/-

PERFORMANCE BANK GUARANTEE FORMAT**HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026**

From:

Bank _____

To,

.....

.....

.....

.....

Dear Sir,

1. Whereas you have entered into a supply order No 30003/DTK/19TF/SO-___/E3ES dated ___/2026 (hereinafter referred to as the said supply order) with _____, hereinafter referred to as the "seller/consignor" for supply of goods as per Part-II of the said supply order to the said seller/consignor and whereas the Seller/consignor has undertaken to produce a bank guarantee for (5%) of total supply order value amounting to _____ to secure its obligations to the HQ CE (P) Dantak. We the _____ bank hereby expressly, irrevocably and unreservedly undertake and guarantee as principal obligors on behalf of the seller/consignor that, in the event that the HQ CE (P) Dantak declares to us that the goods have not been supplied according to the performance obligations under the aforementioned supply order, we will pay you, on demand and without demur, all and any sum up to a maximum of _____ (Rupees _____ only). Your written demand shall be conclusive evidence to us that such repayment is due under the terms of the said supply order. We undertake to effect payment upon receipt of such written demand.

2. We shall not be discharged or released from this undertaking and guarantee by any arrangements, variations made between you and the Seller/consignor, indulgence to the Seller/consignor by you, or by any alterations in the obligations of the Seller/consignor or by any forbearance whether as to payment, time performance or otherwise.

3. In no case shall the amount of this guarantee be increased.

4. This guarantee shall remain valid for months from the date of acceptance of consignment in India/Bhutan or until all the store, spares and documentation have been supplied according to the performance obligations under the said supply order at the destination FOR.

6. Unless a demand or claim under this guarantee is made on us in writing or on before the aforesaid expiry date as provided in the above referred supply order or unless this guarantee is extended by us, all your rights under this guarantee shall be forfeited and we shall be discharged from the liabilities hereunder.

7. This guarantee shall be a continuing guarantee and shall not be discharged by and change in the constitution of the Bank or in the constitution of M/s _____



Contd...21/-

FORMAT OF CERTIFICATE OF ACCEPTANCEHQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026CERTIFICATE OF ACCEPTANCE

1. Certified that the M/s _____, hereby accepts the supply order No 30003/DTK/19TF/SO-____/E3ES dated ____/____/2026 of the against enquiry No 30003/DTK/19TF/ENQ-22/E3ES dated 02 Sep 2026 as per the supply order assigned to them and handed over the same to HQ CE (P) Dantak at _____ hours, on this _____ day of the month _____ in the year two thousand and twenty six.
2. The list of liabilities as on date is placed at annexure to this certificate.
3. Signed on _____ day of _____ two thousand and twenty six.

 REP
 FOR AND ON BEHALF OF
 THE CHIEF ENGINEER PROJECT DANTAK

 REP OF
 M/s _____

Note: This certificate of acceptance will remain in force till the validity of supply order.



Contd...22/-

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

UNDERTAKING CERTIFICATE

"It is certified that the goods / materials given in the Enquiry No 30003/DTK/19TF/ Enq-22/E3ES dt 02 Sep 2026 of HQ CE (P) Dantak will be supplied by me / our firm as export and for use in Bhutan. It is declared that no GST cost has been included by me in the rates quoted in above mentioned enquiry".

Stamp & Signature with date :

Name of the bidder :

Name of firm with address :



Contd...23/-

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

SELF DECLARATION CERTIFICATE

It is certified that my firm M/s _____ is not under ban from participation in tenders by any Govt. organization of India/Bhutan. In the event of my declaration being found as not true, my bid be cancelled and I will have no objection to it.



Stamp & Signature with date :

Name of the bidder :

Name of firm with address :

Contd...24/-

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENG-22/E3ES dt 02 Sep 2026

CERTIFICATE WITH REFERENCE TO PART PAYMENT CLAUSE BY L1 VENDOR

In the event of Supply Order being placed to me (being L1 vendor) for a Supply Order amount more than 25 lakh, I would like to receive/ not receive part payment as per Para 26 of RFP.
(*Strike out whichever is not applicable)

Stamp & Signature with date :

Name of the bidder :

Name of firm with address :



HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-22/E3ES dt 02 Sep 2026

BHUTAN STANDARD BUREAU CERTIFICATE

It is certified that my firm M/s _____ is an authorised manufacturer/ dealer as per Bhutan Standard Bureau and will supply certified Brand/ Product approved by Bhutan Standard Bureau.



Stamp & Signature with date

Name of the bidder

Name of firm with address