

**कार्यालय पुलिस महानिरीक्षक, पीएसी, पश्चिमी जोन, मुरादाबाद-244001**  
 फोन/फैक्स नं० +91-0591-2412971, CUG+91-9454418842, E-mail igwzone@uppac.net  
 पत्रांक: पीएसी-डब्ल्यूजैड-338-2020 (MOTOR BOAT) दिनांक: सितम्बर 05 ,2020

### ई-निविदा सूचना

राज्य आपदा मोचन बल के उपयोगार्थ स्वीकृत 12 अदद् Rubraised Inflatable Boats 10 Seated with OBM Engine 30 HP Four Stroke के कय हेतु आनलाइन <https://etender.up.nic.in> के माध्यम से उ0प्र0 पीएसी विभाग में दिनांक: 14-10-2020 को समय अपरान्ह 14:00 बजे तक ई-निविदा आमंत्रित की जाती है। ऑनलाइन तकनीकी निविदा, कार्यालय पुलिस महानिरीक्षक, पीएसी पश्चिमी जोन, मुरादाबाद में दिनांक: 15-10-2020 को समय पूर्वान्ह 11:30 बजे खोली जायेंगी। निविदा प्रपत्र दिनांक: 15-09-2020 को समय अपरान्ह 10:30 बजे से डाउनलोड/अपलोड किया जा सकता है। तकनीकी निविदा नियमानुसार अर्ह/उपयुक्त पाये जाने पर वित्तीय भाव-पत्र दिनांक: 10-12-2020 को समय पूर्वान्ह 11:30 बजे ऑनलाइन खोली जायेंगी। कार्यालय बन्द होने या अवकाश होने की दशा में यह बिड अगले कार्यालय दिवस में उसी समय खोली जायेंगी।

उपकरण का नाम	कुल मात्रा	निविदा शुल्क	धरोहर राशि (EMD)	आपूर्ति अवधि	सम्पूर्ति का स्थान
1	2	3	4	5	6
Rubraised Inflatable Boats 10 Seated with OBM Engine 30 HP Four Stroke	12	₹ 8,500-00	57,500-00	45 दिवस	एस0डी0आर0एफ0 वाहिनी, लखनऊ।

### नियम एवं शर्तें:-

- यह निविदा/बिड सूचना उत्तर प्रदेश सरकार की वेबसाइट <https://etender.up.nic.in> एवं उत्तर प्रदेश पुलिस की वेबसाइट <https://uppolice.gov.in> पर भी उपलब्ध है।
- ई-निविदा की विस्तृत शर्तें निविदा प्रपत्र के साथ उपलब्ध होंगी।
- निविदा आमंत्रण की अन्तिम तिथि से पूर्व दिनांक: 09-10-2020 को समय 11:00 बजे पीएसी पश्चिमी जोन कार्यालय मुरादाबाद में Pre BID Meeting आहूत की जायेगी। जिसमें उपकरण निर्माता/अधिकृत आपूर्तिकर्ता अथवा उनके प्रतिनिधि भाग कर सकते हैं।
- निविदा दाता को निविदा जमा करने के साथ निविदा प्रपत्र के निर्धारित मूल्य का डिमांड ड्राफ्ट/बैंकर्स चेक जो Zonal Amenities Fund, West Zone PAC, Moradabad (Union Bank of India A/c No. 518402011051040) के पक्ष में देय हो, जमा करना अनिवार्य होगा अन्यथा उनकी बिड को Unresponsive मानते हुए उस पर कोई विचार नहीं किया जायेगा। इसके अतिरिक्त निविदा शुल्क, निविदा शर्तों एवं तकनीकी विशिष्टियों आदि के अनुसार समस्त प्रपत्र की स्कैन कापी भी बिड के साथ ई-टेंडर पोर्टल पर अपलोड करना होगा।
- धरोहर धनराशि (ई0एम0डी0) राष्ट्रीयकृत बैंक द्वारा जारी केवल डिमांड ड्राफ्ट/बैंकर्स चेक/बैंक गारन्टी के रूप में जो Zonal Amenities Fund, West Zone PAC, Moradabad (Union Bank

of India A/c No. 518402011051040) के पक्ष में देय हो जमा करना अनिवार्य होगा, जिसकी स्कैन कापी आनलाइन अपलोड करना भी अनिवार्य होगा एवं दिनांक: 14-10-2020 को समय अपरान्ह 14:00 बजे तक मूल प्रति भी उपलब्ध कराना अनिवार्य होगा, अन्यथा निविदा स्वीकार नहीं की जायेगी।

6. निविदादाता/Bidder द्वारा ई-निविदा डालते समय प्रक्रिया की पूर्ण जानकारी के अभाव में, तकनीकी त्रुटि, शर्तें पूर्ण न कर पाने अथवा किसी अन्य कारण से निविदा बाधित हो जाने अथवा Submit न होने की स्थिति में पीएसी विभाग का कोई उत्तरदायित्व नहीं होगा।
7. कोई भी निविदादाता जो केन्द्र/राज्य सरकार द्वारा काली सूची (Black List) में दर्ज हो, वह निविदा प्रक्रिया में भाग नहीं ले सकेगा। इस सम्बन्ध में प्रतिभागी निविदादाता द्वारा इस आशय का वांछित प्रमाण पत्र दिया जाना अपेक्षित होगा।
8. विशिष्ट परिस्थितियों में निविदा जमा/खोलने का स्थान व तिथि में यदि कोई परिवर्तन होता है तो उसकी सूचना उ0प्र0 पुलिस की वेबसाइट <https://uppolice.gov.in> के Prov. Armed Constabulary (PAC) पर प्रदर्शित/अपलोड कर दी जायेगी।
9. यदि निविदादाता फर्म द्वारा तकनीकी निविदा एवं वित्तीय निविदा से सम्बन्धित कोई भी अभिलेख मूलरूप में ऑफलाइन/कोरियर के माध्यम से त्रुटिवश जमा कर दिया गया तो उसे सम्बन्धित फर्म को वापस कर दिया जायेगा।
10. तकनीकी समिति निविदा से सम्बन्धित मूल अभिलेखों को देखना चाहे तो वह निविदादाता फर्मों से प्राप्त कर सकती है। तकनीकी समिति निविदा प्रपत्रों के परीक्षण के दौरान अपने विवेकानुसार/आवश्यकतानुसार तकनीकी निविदा के अभिलेखों एवं उपकरण को डैमो/प्रदर्शन हेतु मूलरूप में प्राप्त/मंगा सकती है।
11. निविदा जमा करने व खोलने आदि का पूर्ण विवरण एवं समय सारणी निविदा प्रपत्रों के साथ उपलब्ध है।
12. इस निविदा को पूर्ण रूप से निरस्त करने या बिना कोई कारण बताये आंशिक संशोधन का अधिकार अधोहस्ताक्षरी के पास सुरक्षित रहेगा। अधोहस्ताक्षरी को क़य किये जाने वाले उक्त बोटों की संख्या घटाने अथवा बढ़ाने का भी अधिकार होगा।

(अमित चन्द्रा)  
पुलिस महानिरीक्षक,  
पीएसी, पश्चिमी जोन,  
मुरादाबाद/अध्यक्ष  
क्रय समिति।

**OFFICE OF THE INSPECTOR GENERAL OF POLICE,  
PAC, WESTERN ZONE, MORADABAD - 244001**

<b>Telephones : (0591)</b>	<b>2412971</b>	<b>Fax</b>	<b>: (0591) 2412971</b>
		<b>E-mail : igwzone@uppac.net</b>	

**COMPETITIVE e-Bidding FOR  
THE SUPPLY OF RUBRAISED INFLATABLE BOATS 10 SEATED WITH OBM  
ENGINE 30 HP FOUR STROKE FOR PAC UTTAR PRADESH**

E-BID REFERENCE	:	PAC-WZ-338-2020 (MOTOR BOAT)
PUBLISH DATE AND TIME FOR RFP	:	15 September 2020 at 10:30 PM
PRE BID MEETING AT PAC W/Z, OFFICE MORADABAD	:	09 October 2020 at 11:00 AM
LAST DATE AND TIME FOR SUBMISSION OF E-Bids	:	14 October 2020 at 02:00 PM
DATE AND TIME OF OPENING OF ONLINE TECHNICAL E-Bids	:	15 October 2020 at 11:30 AM
DATE AND TIME FOR EVALUATION OF TECHNICAL BID AND DEMONSTRATION/ TRIAL OF EQUIPMENT	:	Will be intimated by Technical Committee
PLACE OF OPENING OF E-Bids	:	Office of the Inspector General of Police, PAC Western Zone, Moradabad-244001
ADDRESS FOR COMMUNICATION	:	Office of the Inspector General of Police, PAC Western Zone, Moradabad.
E-BID EMD	:	EMD Details is given in Tender Notice and Tender Form

It will be the responsibility of the e-Bidders to check U.P. Government e-Procurement website <http://etender.up.nic.in> for any amendment through corrigendum in the e-tender document. In case of any amendment, e-Bidders will have to incorporate the amendments in their e-Bids accordingly.

Cost of E-bid Documents :	Tender Cost Details is given in Tender Notice and Tender Form
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## INVITATION FOR e-Bids

This invitation for e-Bids is for **THE SUPPLY OF PAC EQUIPMENT**

1. Bidders are advised to study the tender document carefully. Submission of e-Bid against this tender shall be deemed to have been done after careful study and examination of the procedures, terms and conditions of the tender Document with full understanding of its implications.
2. The e-Bid prepared in accordance with the procedures enumerated in ITB Clause 15 of Section-I should be submitted through e-Procurement website <http://etender.up.nic.in>.
3. The tender document is available at e-Procurement website <http://etender.up.nic.in> and UP Police website <http://uppolice.gov.in> from **15 September 2020**. Interested bidders may view, download the e-Bid document, seek clarification and submit their e-Bid online up to the date and time mentioned in the table below:

(a)	Date of publication of e-tender notice & availability of tender document	Tender notice & e-tender document has been published over e-procurement website <a href="http://etender.up.nic.in">http://etender.up.nic.in</a> and <a href="http://uppolice.gov.in">http://uppolice.gov.in</a> and Tender document will be available from 15-09-2020 at 10:30 AM
(b)	Availability of tender document on website	15-09-2020 at 10:30 AM at e-procurement website <a href="http://etender.up.nic.in">http://etender.up.nic.in</a> and <a href="http://uppolice.gov.in">http://uppolice.gov.in</a>
(c)	E-bid submission start date & time (submission of e-tender fee, EMD and other supporting documents in PDF/ XLS format)	15-09-2020 at 10:30 AM
(d)	E-bid submission end date & time	14-10-2020 at 02:00 PM
(e)	Online technical e-bid opening date & time	15-10-2020 at 11:30 AM
(f)	Online financial e-bid opening date & time (Only of technically qualified bidders)	10-12-2020 at 11:30 AM
(g)	Venue of opening of technical & financial e-bids	Office of IGP, PAC Western Zone, Moradabad
(h)	Contact officer	Name- Amit Chandra Mobile- <b>09454418842</b> Tel/Fax- <b>+91-0591-2412971</b> e-mail- <a href="mailto:igwzone@uppac.net">igwzone@uppac.net</a>
(i)	Cost of e-bid document	<b>₹ 8,500-00</b>
(j)	E-bid Earnest Money	<b>₹ 57,500-00</b>

4. The bidders need to submit the proof/cost of e-Bid document/processing as stated in the above table in Cash in the Purchaser's office or through Online through e-Tender portal in favour of Zonal Amenities Fund, West Zone PAC, Moradabad (Union Bank of India A/c No. 518402011051040). The scanned copy of the Receipt of Online payment through e-Tender portal must be enclosed / uploaded along with the e-Bids.
5. It is not necessary for a Bidder to quote all schedules of Bid. But if bidder is quoting any schedule, it is must to quote all items for that schedule. Bidders must quote for all the items in a schedule in the Technical Bid and in the price schedule/BOQ of financial bid. The bids of bidders who will not quote for all the items in any schedule in technical and financial bids shall be rejected.



6. All e-Bid must be accompanied by e-Bid Security/Earnest Money Deposit (EMD) in the form of Online through e-Tender portal / Demand Draft / Bankers cheque/ bank Guarantee from Scheduled Bank, drawn in favour of Zonal Amenities Fund, West Zone PAC, Moradabad (Union Bank of India A/c No. 518402011051040). The scanned copy of the e-Bid e-tender fee/EMD must be submitted along with the e-Bid and the original should reach the PAC W/Z office at Moradabad before opening of technical e-Bids. No Interest would be payable on e-Bid Security (Earnest Money) deposited with the Inspector General of Police, PAC W/Z Moradabad.
7. The e-Bids will be electronically opened in the presence of bidder's representatives, who choose to attend at the venue, date and time mentioned in the above table. An authority letter of bidder's/OEM representative will be required to be produced.
8. The UP PAC reserves the right to cancel any or all the e-Bids/annul the e-Bid process without assigning any reason thereof. The decision of IGP PAC W/Z Moradabad will be final and binding.
9. In the event of date specified for e-Bids opening being declared a holiday for PAC W/Z office then the due date for opening of e-Bids shall be the following working day at the appointed time and place.
10. All the required documents including Price Schedule/BOQ should be uploaded by the e-Bidder electronically in the PDF/XLS format. The required electronic documents for each document label of Technical (Fee details, Qualification details, e-Bid Form and Technical Specification details) schedules/packets can be clubbed together to make single different files for each label.
11. The companies/firms who are registered at e-Procurement portal for e-tendering with U.P. Electronics Corporation Ltd. (UPLC), 10, Ashok Marg, Lucknow (UP) would only be eligible for participating in this e-tender as well as in e-tendering system of U.P. Govt. departments. All companies/firms who have not registered themselves with UPLC for e-tendering till date can get their registration done by depositing a filled in form issued by UPLC along with registration fee participating in this e-tender and other e-tenders of U.P. Govt. departments. The companies/firms, who are not having digital signature, can also get their digital signature on deposit of processing fees. The companies/firms may contact the officials on phone numbers 0522-2286809, 0522-2288750 (O) 0522-4130303 (Extension: 303, 304 & 307), for their Registration/Digital Signature Certificate related queries.

## SECTION I : INSTRUCTIONS TO BIDDERS (ITB)

### (A) THE BID DOCUMENT

#### 1. Cost of e-Bid

- a) The bidder shall bear all costs associated with the preparation and submission of its e-Bid and Inspector General of Police, PAC W/Z, Moradabad hereinafter referred to as “the Purchaser”, will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the e-Bid process.
- b) This tender document is available on the web site <http://etender.up.nic.in> and UPPolice website <http://uppolice.gov.in> to enable the bidders to view, download the e-Bid document and submits e-Bids online up to the last date and time mentioned in e-Tender notice/e-tender document against this e-Tender. The bidders shall have to pay e-Tender document fee (Table given below) of through Online e-Tender portal payable in favour of Inspector General of Police, PAC W/Z, Moradabad. The scanned copy of the Receipt of Online through e-Tender portal must be enclosed along with the e-Bid. This e-tender document fee is non-refundable:-

Name of Equipments	Tender Cost
<b>RUBRAISED INFLATABLE BOATS 10 SEATED WITH OBM ENGINE 30 HP FOUR STROKE</b>	<b>8,500-00</b>

#### 2. Contents of e-Bid Document

- 2.1 The goods required to be supplied; e-Bid procedure and contract terms and conditions are prescribed in the e-Bid document. The e-Bid document includes:
  - (a) Invitation for e-Bid
  - (b) Section I : Instruction to bidders (ITB);
  - (c) Section II : Conditions of Contract (CC);
  - (d) Section III : Technical e-Bid;
  - (e) Section IV : Financial e-Bid;
- 2.2 The bidder is expected to examine all instructions, forms, terms and specifications in the e-Bid document. Failure to furnish all information required as per the e-Bid document or submission of e-Bid not responsive to the e-Bid document in every respect will be at the bidder’s risk and may result in rejection of the said e-Bid.

#### 3. Clarification of e-Bid Document

A prospective bidder requiring any clarification of the e-Bid document may raise his/her point of clarification through Bid Management Window after successfully login to the e-Procurement website <http://etender.up.nic.in>. The bidder may seek clarification by posting query in the relevant window after clicking "Seek Clarification" option in the view e-tender details window for e-tender which can be selected through my tender option of e-Bid submission menu. The clarification will be replied back by the Purchaser through the e-Procurement website which can be read by the bidder through the "Clarification" option under Bid Submission menu. The Purchaser may also respond to clarifications raised by the prospective bidders on Purchaser's e-mail address

#### 4. Amendment of e-Bid Document

- 4.1 At any time prior to the deadline for submission of e-Bid, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the e-Bid document by amendments. Such amendments shall be uploaded on the e-Procurement

website <http://etender.up.nic.in> and UPPolice website <http://uppolice.gov.in> through corrigendum and shall form an integral part of e-Bid document. The relevant clauses of the e-bid document shall be treated as amended accordingly.

- 4.2 It shall be the sole responsibility of the prospective bidders to check the web site <http://etender.up.nic.in> or UPPolice website <http://uppolice.gov.in> from time to time for any amendment in the e-tender document. In case of failure to get the amendments, if any, the Purchaser shall not be responsible for it.
- 4.3 In order to allow prospective e-Bidders a reasonable time to take the amendment into account in preparing their e-Bids, the Purchaser, at his discretion, may extend the deadline for the submission of e-Bids. Such extensions shall be uploaded on the e-Procurement website <http://etender.up.nic.in> and UP Police website <http://uppolice.gov.in>

## (B) PREPARATION OF e-Bid

### 5. Language of e-Bid

- 5.1 The e-bid prepared by the bidder, as well as all correspondence and documents relating to the e-bid exchanged by the bidder and the Purchaser shall be written either in English or Hindi language. The correspondence and documents in Hindi must be accompanied by embedded/separate Hindi font files. Only English numerals shall be used in the e-bid.

### 6. Documents Constituting the e-Bid

- 6.1 The e-Bid prepared by the bidder shall comprise the following components:

(a) **Technical e-Bid** - Technical e-Bid will comprise of :

- (i) **Fee Details** – includes copies of e-tender document processing Cost and Earnest Money Deposit (EMD) furnished in accordance with ITB Clause 12 in PDF format.
- (ii) **Qualification Details** – includes copies of required documents as per ITB Clauses 10 and 11 in PDF format justifying that the bidder is qualified to perform the contract if his/her bid is accepted and that the bidder has financial, technical and production capability necessary to perform the contract and meets the criteria outlined in the Qualification Requirement and Technical Specification and fulfill all the conditions of the Contract and that the goods and ancillary services to be supplied by the bidder conform to the e-Bid document and Technical Specifications.
- (iii) **e-Bid Form** – includes copy of filled in e-Bid Form as per Section-III(A) of e-tender document in PDF format justifying that the bidder is complying with all the conditions of the Contract and Technical Specifications of the e-Bid Document as no deviation will be acceptable to the Purchaser.
- (iv) **Technical Specification Details** – includes copy of filled in Technical Specifications as per Section-III(C) of e-tender document in PDF format.

(b) **Financial e-Bid** – Financial e-Bid will comprise of :

- (i) **e-Bid Form** – includes copy of filled in e-Bid Form as per Section-IV (A) of e-tender document in PDF format.
- (ii) **Price Schedule/BOQ** – includes Price Schedule/BOQ in XLS format to be filled in after downloading from the e-Procurement website for this e-tender.

## 7. e-Bid Form

- 7.1 The bidder shall complete the e-Bid Form and the appropriate Price Schedule/BOQ furnished in the e-Bid document, including the goods to be supplied, their quantities and prices in the format given in the e-Bid document.

## 8. e-Bid Price

- 8.1 The bidder shall quote separately in the downloaded spread sheet file for Price Schedule/BOQ unit price (Vender must include GST and other Tax/Duty applicable on Govt. In case it is not mentioned, total quoted will be presumed to include GST and other Tax/Duty on the Govt.) of each item in the specified places for all the goods mentioned in Section III(C) of Technical Specifications. The unit prices quoted shall be with onsite comprehensive warranty as well as extended warranty as per period specified in column-3 of Section III(C) of Technical Specifications.
- 8.2 e-Bid price of each item indicated on the Price Schedule/ BOQ as mentioned in para 8.1 above, shall include all the cost till successful installation & commissioning at various offices situated in different cities of U.P. for all the items specified in the schedule of requirement and onsite comprehensive warranty maintenance i.e.
  - I. The price of goods (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable:
    - (a) on components and raw material used in the manufacture or assembly of goods quoted ex-works or ex-factory; or
    - (b) on the previously imported goods of foreign origin quoted ex-showroom, ex-warehouse, or off-the-shelf.
  - II. any Indian duties, sales and other taxes which will be payable on the goods if this Contract is awarded.;
  - III. the price for inland transportation, insurance and other local costs incidental to delivery of the goods to their final destination.
  - IV. the price of other incidental services listed in Clause 11 of the Conditions of Contract.
- 8.3 Prices quoted by the bidder shall be fixed during the bidder's performance of the Contract and not subject to variation on any account subject to ITB Clause 25.1. An e-Bid submitted with an adjustable price quotation unless asked for shall be treated as non-responsive and rejected.

## 9. e-Bid Currencies

Prices shall be quoted in Indian Rupees only.

## 10. Documents Establishing bidder's Qualification

- 10.1 Pursuant to ITB Clause 6, the bidder shall furnish, as part of its Technical e-Bid, documents establishing the bidder's qualification to perform the Contract if its e-Bid is accepted. The documentary evidence should be submitted by the bidder electronically in the PDF format.

- 10.2 The documentary evidence of bidder's qualification to perform the Contract if its e-Bid is accepted shall be as per Qualification Requirements specified in Section III (D) of e-tender document.

## 11. Documents Establishing Goods' Conformity to e-Bid Documents

- 11.1 Pursuant to ITB Clause 6, the bidder shall furnish, as part of its e-Bid, documents establishing the conformity to the e-Bid documents of all goods and services which the bidder proposes to supply under the contract. The documentary evidence should be in the PDF file format.
- 11.2 The documentary evidence of conformity of the goods and services to the e-Bid documents shall consist of:
- (a) The brochures/leaflets/the document downloaded from the internet site of the OEM of the goods offered in support of the technical specifications asked in the e-tender.
  - (b) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.
  - (c) A confirmation that the bidder is either OEM or Authorized dealer of the OEM. Willful misrepresentation of these facts shall lead to the cancellation of the e-Bid/ contract without prejudice of other remedies that the Purchaser may take.

## 12. Earnest Money Deposit (EMD)/e-Bid

- 12.1 Pursuant to ITB Clause 6, the bidder shall furnish, as part of its e-Bid, an e-Bid EMD **submitted online through e-Tender portal / Demand Draft / Bankers Cheque from Scheduled Bank through e-Tender portal in favour of Zonal Amenities Fund, West Zone PAC, Moradabad (Union Bank of India A/c No. 518402011051040)**. The scanned copy of the e-Bid EMD must be submitted along with the e-Bid and the original should reach the Purchaser's office at Moradabad before opening of technical e-Bid:-

<b>Name of Equipments</b>	<b>धरोहर राशि (EMD)</b>
<b>RUBRAISED INFLATABLE BOATS 10 SEATED WITH OBM ENGINE 30 HP FOUR STROKE</b>	<b>57,500-00</b>

- 12.2 The e-Bid security is required to protect the Purchaser against the risk of bidder's conduct which would warrant the security's forfeiture, pursuant to ITB Clause 12.7.
- 12.3 The e-Bid security shall be in Indian Rupees and shall be in the following forms only:  
Bidder may submit the bid security of the above amount in the form of online payment through e-tender portal <http://etender.up.nic.in> payable in favour of Zonal Amenities Fund, West Zone PAC, Moradabad (Union Bank of India A/c No. 518402011051040).
- 12.4 Any e-Bid not secured in accordance with ITB Clauses 12.1 and 12.3 above shall be treated as non-responsive and rejected by the Purchaser.

- 12.5 Unsuccessful bidder's e-Bid EMD will be returned upon the written request through bankers cheque/ demand draft as promptly as possible after the expiration of the period of e-Bid validity prescribed by the Purchaser, pursuant to ITB Clause 13.
- 12.6 The successful bidder's e-Bid EMD will be returned upon the bidder signing the Contract, pursuant to ITB Clause 28, and furnishing the performance security, pursuant to ITB Clause 29.
- 12.7 The e-Bid security may be forfeited:
  - (a) if a bidder (i) withdraws its e-Bid during the period of e-Bid validity specified by the bidder on the e-Bid Form; or (ii) does not accept the correction of errors pursuant to ITB Clause 22.2; or (iii) modifies its e-Bid price during the period of e-Bid validity specified by the bidder on the e-Bid form or
  - (b) in case of a successful bidder, if the bidder fails:
    - (i) to sign the Contract with the Purchaser in accordance with ITB Clause 28. or
    - (ii) to furnish performance security in accordance with ITB Clause 29.

### **13. Period of Validity of e-Bid**

- 13.1 e-Bid shall remain valid for 90 days after the date of e-Bid opening prescribed by the Purchaser, pursuant to ITB Clause 16. An e-Bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 13.2 In exceptional circumstances, the Purchaser may solicit the bidder's consent to an extension of the period of e-Bid validity. The request and the response thereto shall be made in writing. A bidder may refuse the request without forfeiting its e-Bid security. A bidder granting the request will not be required nor permitted to modify its e-Bid.

### **14. Format and Signing of e-Bid**

- 14.1 The bidder shall prepare one electronic copy each of the Technical e-Bid and Financial e-Bid separately.
- 14.2 The e-Bid document shall be digitally signed, at the time of uploading, by the bidder or a person or persons duly authorized to bind the bidder to the Contract. The later authorization shall be indicated by a scanned copy of written power-of-attorney accompanying the e-Bid. All the pages/ documents of the e-Bid that are to be uploaded shall be digitally signed by the person authorized to sign the e-Bid.

### **15. Submission of e-Bid**

The Bid Submission module of e-Procurement website <http://etender.up.nic.in> enables the bidders to submit the e-Bid online in response to this e-tender published by the Purchaser. Bid Submission can be done only from the Bid Submission start date and time till the Bid Submission end date and time given in the e-tender. Bidders should start the Bid Submission process well in advance so that they can submit their e-Bid in time. The bidders should submit their e-Bid considering the server time displayed in the e-Procurement website. This server time is the time by which the e-Bid submission activity will be allowed till the permissible time on the last/end date of submission indicated in the e-tender schedule. Once the e-Bid submission date and time is over, the bidders cannot submit

their e-Bid. For delay in submission of e-Bid due to any reasons, the bidders shall only be held responsible.

The bidders have to follow the following instructions for submission of their e-Bid:

- 15.1 For participating in e-Bid through the e-tendering system, it is necessary for the bidders to be the registered users of the e-Procurement website <http://etender.up.nic.in>. The bidders must obtain a User Login Id and Password by registering themselves with U.P. Electronics Corporation Limited, Lucknow if they have not done so previously for registration. Refer to details given in Invitation for e-Bid Clause 11.
- 15.2 In addition to the normal registration, the bidder has to register with his/her **Digital Signature Certificate (DSC)** in the e-tendering system and subsequently he/she will be allowed to carry out his/her e-Bid submission activities. Registering the Digital Signature Certificate (DSC) is a one time activity. Before proceeding to register his/her DSC, the bidder should first log on to the e-tendering system using the User Login option on the home page with the Login Id and Password with which he/ she has registered as per clause 15.1 above.

For successful registration of DSC on e-Procurement website <http://etender.up.nic.in> the bidder must ensure that he/she should possess Class-2/ Class-3 DSC issued by any certifying authorities approved by Controller of Certifying Authorities, Government of India, as the e-Procurement website <http://etender.up.nic.in> is presently accepting DSCs issued by these authorities only. The bidder can obtain User Login Id and perform DSC registration exercise as described in clauses 15.1 and 15.2 above even before e-Bid submission date starts. The Purchaser shall not be held responsible if the bidder tries to submit his/her e-Bid at the last moment before end date of submission but could not submit due to DSC registration problem.

- 15.3 The bidder can search for active tenders through "Search Active tenders" link, select a tender in which he/she is interested in and then move it to 'My Tenders' folder using the options available in the e-Bid Submission menu. After selecting and viewing the tender, for whom the bidder intends to e-Bid, from "My Tenders" folder, the bidder can place his/her e-Bid by clicking "Pay Offline" option available at the end of the view tender details form. Before this, the bidder should download the e-tender document and Price Schedule/Bill of Quantity (BOQ) and study them carefully. The bidder should keep all the documents ready as per the requirements of e-tender document in the PDF format except the Price Schedule/Bill of Quantity (BOQ) which should be in the XLS format (Excel sheet).
- 15.4 After clicking the 'Pay Offline' option, the bidder will be redirected to the Terms and Conditions page. The bidder should read the Terms & Conditions before proceeding to fill in the Tender Fee and EMD offline payment details. After entering and saving the Tender Fee and EMD details, the bidder should click "Encrypt & Upload" option given in the offline payment details form so that "Bid Document Preparation and Submission" window appears to upload the documents as per Technical (Fee details, Qualification details, e-Bid Form and Technical Specification details) and financial (e-Bid Form and Price Schedule/BOQ) schedules/packets given in the tender details. The details of the Demand Draft or any other accepted instrument which is to be physically sent in

original before opening of technical e-Bid, should tally with the details available in the scanned copy and the data entered during e-Bid submission time otherwise the e-Bid submitted will not be accepted.

- 15.5 Next the bidder should upload the Technical e-Bid documents for Fee details (e-tender fee and EMD), Qualification details as per "ITB Clause 10 or 21", e-Bid Form as per "Section-III(A)" and Technical Specification details as per "Section-III(C):Technical Specifications" and Financial e-Bid documents as per "Section-IV(A):e-Bid Form" and "Section-IV(B):Price Schedule/BOQ" of e-tender document. Before uploading, the bidder has to select the relevant Digital Signature Certificate. He may be prompted to enter the Digital Signature Certificate password, if necessary. For uploading, the bidder should click "Browse" button against each document label in Technical and Financial schedules/packets and then upload the relevant PDF/XLS files already prepared and stored in the bidder's computer. The required documents for each document label of Technical (Fee details, Qualification details, e-Bid Form and Technical Specification details) and financial (e-Bid Form and Price Schedule/BOQ) schedules/packets can be clubbed together to make single different files for each label.
- 15.6 The bidder should click "Encrypt" next for successfully encrypting and uploading of required documents. During the above process, the e-Bid documents are digitally signed using the DSC of the bidder and then the documents are encrypted/locked electronically with the DSC's of the bid openers to ensure that the e-Bid documents are protected, stored and opened by concerned bid openers only.
- 15.7 After successful submission of e-Bid document, a page giving the summary of e-Bid submission will be displayed confirming end of e-Bid submission process. The bidder can take a printout of the bid summary using the "Print" option available in the window as an acknowledgement for future reference.
- 15.8 Purchaser reserves the right to cancel any or all e-Bids without assigning any reason.

## **16. Deadline for Submission of e-Bid**

- 16.1 e-Bid (Technical and Financial) must be submitted by the bidders at e-Procurement website <http://etender.up.nic.in> not later than the time 02:00 PM on 14-10-2020 (as the server time displayed in the e-Procurement website).
- 16.2 The Purchaser may, at its discretion, extend this deadline for submission of e-Bid by amending the e-Bid document in accordance with ITB Clause 4, in which case all rights and obligations of the Purchaser and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

## **17. Late e-Bid**

- 17.1 The server time indicated in the Bid Management window on the e-Procurement website <http://etender.up.nic.in> will be the time by which the e-Bid submission activity will be allowed till the permissible date and time scheduled in the e-tender. Once the e-Bid submission date and time is over,



the bidder cannot submit his/her e-Bid. Bidder has to start the Bid Submission well in advance so that the submission process passes off smoothly. The bidder will only be held responsible if his/her e-Bid is not submitted in time due to any of his/her problems/faults, for whatsoever reason, during e-Bid submission process.

## **18. Withdrawal and Resubmission of e-Bid**

- 18.1 At any point of time, a bidder can withdraw his/her e-Bid submitted online before the bid submission end date and time. For withdrawing, the bidder should first log in using his/ her Login Id and Password and subsequently by his/her Digital Signature Certificate on the e-Procurement website <http://etender.up.nic.in>. The bidder should then select "My Bids" option in the Bid Submission menu. The page listing all the bids submitted by the bidder will be displayed. Click "View" to see the details of the e-Bid to be withdrawn. After selecting the "Bid Withdrawal" option, the bidder has to click "Yes" to the message "Do you want to withdraw this bid?" displayed in the Bid Information window for the selected bid. The bidder also has to enter the bid Withdrawing reasons and upload the letter giving the reasons for withdrawing before clicking the "Submit" button. The bidder has to confirm again by pressing "Ok" button before finally withdrawing his/her selected e-Bid.
- 18.2 The bidder has to request the Purchaser with a letter, attaching the proof of withdrawal and submission of e-Bid EMD in the office of Purchaser, to return back the e-Bid EMD as per the manual procedure.
- 18.3 No e-Bid may be withdrawn in the interval between the deadline for submission of e-Bids and the expiration of period of e-Bid validity. Withdrawal of an e-Bid during this interval may result in the bidder's forfeiture of his/her e-Bid security, pursuant to ITB Clause 12.7.
- 18.4 The bidder can re-submit his/her e-Bid as and when required till the e-Bid submission end date and time. The e-Bid submitted earlier will be replaced by the new one. The payment made by the bidder earlier will be used for revised e-Bid and the new e-Bid submission summary generated after the successful submission of the revised e-Bid will be considered for evaluation purposes. For resubmission, the bidder should first log in using his/her Login Id and Password and subsequently by his/her Digital Signature Certificate on the e-Procurement website <http://etender.up.nic.in>. The bidder should then select "My Bids" option in the Bid Submission menu. The page listing all the bids submitted by the bidder will be displayed. Click "View" to see the details of the e-Bid to be resubmitted. After selecting the "Bid Resubmission" option, click "Encrypt & Upload" to upload the revised e-Bid documents by following the methodology provided in clauses 15.4 to 15.7.
- 18.5 The bidders can submit their revised e-Bids as many times as possible by uploading their e-Bid documents within the scheduled date & time for submission of e-Bids.
- 18.6 No e-Bid can be resubmitted subsequently after the deadline for submission of e-Bids.

### (C) e-Bid OPENING AND EVALUATION OF e-Bid

## 19. Opening of Bids

### 19.1 Opening of Technical e-Bid by the Purchaser

- (i) The Purchaser will open all technical e-Bids, in the presence of bidders' representatives who choose to attend at **11:30 AM on 15-10-2020** at Office of IGP, PAC W/Z, Moradabad. The bidder's representatives who are present shall sign a register evidencing their attendance. In the event of the specified date of e-Bid opening being declared a holiday for the Purchaser, the e-Bids shall be opened at the appointed time and place on the next working day.
- (ii) The bidder's names and the presence or absence of requisite e-Bid security and such other details as the Purchaser at its discretion may consider appropriate, will be announced at the opening. The name of such bidders not meeting the Technical Specifications and qualification requirement shall be notified subsequently.
- (iii) The Purchaser will prepare minutes of the e-Bid opening.

### 19.2 Opening of Financial e-Bid

- (i) After evaluation of technical e-Bid, the Purchaser shall notify those bidders whose technical e-Bids were considered non-responsive to the Conditions of the Contract and not meeting the technical specifications and Qualification Requirements indicating that their financial e-Bids will not be opened. The Purchaser will simultaneously notify the bidders, whose technical e-Bids were considered acceptable to the Purchaser. The notification may be sent by letter, fax or by e-mail.
- (ii) The financial e-Bids of technically qualified bidders shall be opened in the presence of bidders who choose to attend, and date for opening of financial bids will be communicated to the Technically Qualified Bidders subsequently after completion of technical bids evaluation. The name of bidders, Unit Price quoted for various items etc will be announced at the meeting.
- (iii) The Purchaser will prepare the minutes of the e-Bid opening.

## 20. TENDER SAMPLE:

- 20.1 The tenderers whose technical offer fulfills the eligibility criteria shall be required to submit a trial. sample prototype of the offered rescue boat having capacity of 10 persons with 30 HP four stroke OBM Engine for inspection by the technical committee on demand for the purpose of technical evaluation at his own cost.
- 20.2 The supplier shall have to bear the expenses of POL and Other accessories required for the testing and trial to be conducted by the indenting Officer.

## 21. Clarification of e-Bid

During evaluation of e-Bid, the Purchaser may, at its discretion, ask the bidder for a clarification of his/her e-Bid. The request for clarification and the response shall be in writing.

## 22. Evaluation of technical e-Bid and Evaluation Criteria

The Purchaser will examine the e-Bid to determine whether they are complete, whether they meet all the conditions, whether required e-tender fee, e-Bid security and other required documents have been furnished, whether the documents have been properly digitally signed, and whether the e-Bids are generally in order. Any e-Bid or e-Bids not fulfilling these requirements shall be rejected.

The tenderers whose technical offer fulfills the eligibility criteria shall be required to conduct trial before technical committee on demand for the purpose of technical evaluation at his own cost.

- 22.1 The bidder should be a branded/Original Equipment Manufacturer (OEM) of tendered item or their authorized dealer/distributor/supplier, which has been authorized by the OEM to participate in this e-tender. **The e-Bids of bidders who are dealers/distributor/suppliers of OEMs of all the products and have not submitted their authorization certificates from their Manufacturer (OEM) for this e-tender shall also be rejected.**
- 22.2 The bidder/the Original Equipment Manufacturer of the tendered products quoted in the e-tender shall be in the business of regular supply and installation of the same make/brand of the products since last three financial years. The e-Bids of the bidders not submitting duly signed & stamped evidence i.e. copies of one purchase order and its satisfactory installation report per year for each of the last three financial years regarding regular supply of the same brand of products as quoted in the e-Bid shall be rejected. The e-Bidders should also submit filled in Performa as per "Section III (G) - Performance Statement Form" in support of his/her experience.
- 22.3 The bidder, who has been authorized by any OEM for the first time, shall be in the business of regular supply and installation of any make/brand of the products since last three financial years. The e-Bids of the bidders not submitting duly signed & stamped evidence i.e. copies of one purchase order and its satisfactory installation report per year for each of the last three financial years regarding regular supply of the same brand of products as quoted in the e-Bid shall be rejected. The e-Bidders should also submit filled in Performa as per "Section III (G) - Performance Statement Form" in support of his/her experience.
- 22.4 All the items quoted should have minimum technical specifications given in the e-tender.
- 22.5 The bidder are required to submit details of a Service centers in UP.
- 22.6 The bidder should submit a notarized affidavit that the bidder's firm has not been black listed from any State/Central Government Departments/ Organizations. The e-Bids of the black-listed bidders or those not submitting the required affidavit shall be rejected.
- 22.7 The bids of the bidders not quoting all the items of a schedule of the tender may be rejected. It is not necessary for a Bidder to quote all schedules of Bid. But if bidder is quoting any schedule, it is must to quote all items for that schedule. Bidders must quote for all the items in a schedule in the technical bid and in the price schedule/BOQ of financial bid. The bids of bidders who will not quote for all the items in any schedule in technical and financial bids shall be rejected.
- 22.8 The e-Bids found to be not responsive to and not fulfilling all the conditions of the contract and not meeting Technical Specifications and

Qualification Requirements to the satisfaction of Purchaser shall be rejected and may not subsequently be made responsive by the bidder by correction of the non-conformity. The e-Bids of bidders mentioning any of their conditions which are not mentioned in the e-tender document or are not in conformity with the conditions of the contract shall be rejected.

22.9 It shall be the discretion of the Purchaser to decide as to whether an e-Bid fulfils the evaluation criterion mentioned in this e-tender or not.

22.10 The bidders are advised not to mix financial bid documents with the PDF documents submitted for technical bid. The e-Bids of the bidders having financial bid document in the technical bid will out rightly be rejected.

## **23. Financial Evaluation and Comparison**

23.1 The Purchaser will evaluate and compare the financial rates of individual items quoted in the price schedule/BOQ of e-Bids of those bidders whose technical e-Bids are found responsive as per the conditions of the e-tender only for those items of the bidders which have been technically accepted by the Purchaser.

23.2 No additional payments shall be made for completion of any contractual obligation beyond the quoted prices. If the supplier does not accept the correction of errors if any, its e-Bid shall be rejected and its e-Bid security may be forfeited.

23.3 The Purchaser's evaluation of a Financial bid shall be based on lowest rate quoted including GST by the bidder including the cost of equipment as indicated in the technical specification and price of incidental services and the cost of inland transportation, insurance and other costs within India incidental to the delivery of the goods to their final destination as mentioned in para 8.2 of ITB.

**23.4 Evaluation for bids shall be done schedule wise based on total lowest bid price (including GST and other tax/duty) received for all items for that schedule.**

23.5 The bidders whose technical bids would be found responsive and meeting the qualification requirements and fulfilling all conditions of the tenders, shall be considered for those items which would be technically accepted by the purchaser and whose schedule-wise bid price quoted are lowest in the bids.

## **24. Contacting the Purchaser**

24.1 Subject to ITB Clause 20, no bidder shall contact the Purchaser on any matter relating to his/her e-Bid, from the time of the e-Bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the Purchaser, he/she can do so in writing.

24.2 Any effort by a bidder to influence the Purchaser in its decisions on e-Bid evaluation, e-Bid comparison or contract award may result in rejection of the bidder's e-Bid.

## **(D) AWARD OF CONTRACT**

### **25. Award Criteria**

- 25.1 The Purchaser will determine to its satisfaction whether the bidder(s) that is selected as having submitted the lowest evaluated responsive bid meets the criteria specified in ITB Clause 10.2, and is qualified to perform the contract satisfactorily.
- 25.2 Subject to ITB Clause 26, the Purchaser will award the contract to the lowest evaluated successful Bidder whose bid has been determined to be responsive to all the conditions of the contract and meeting the Technical specification and qualification requirement of the Bidding Document.

### **26. Purchaser's right to vary Quantities at the Time of Award**

- 26.1 The Purchaser reserves the right at the time of Contract award to increase up to 50% or decrease as per requirement of client department(s) the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions, depending upon the requirement of end-customer.
- 26.2 If any taxes/duties are increased/ decreased by the Government during the contract period, the same shall be adjusted mutually after submitting the proof by the successful bidder to the Purchaser.

### **27. Purchaser's right to accept any e-Bid and to reject any or all e-Bids**

- 27.1 The Purchaser reserves the right to accept or reject any e-Bid, and to annul the e-Bid process and reject all e-Bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.

### **28. Notification of Award**

- 28.1 Prior to the expiration of the period of e-Bid validity, the Purchaser will notify the successful bidder in writing by letter/e-mail/fax, that its e-Bid has been accepted.
- 28.2 The notification of award will constitute the formation of the Contract.
- 28.3 Upon successful bidder's furnishing of performance security pursuant to ITB Clause 29, the Purchaser will promptly return e-Bid security pursuant to ITB Clause 12.

### **29. Signing of Contract**

- 29.1 At the same time as the Purchaser notifies the successful bidder that its e-Bid has been accepted, the Purchaser will send the bidder the Contract Form provided in the e-Bid document, incorporating all conditions of the agreement between the parties i.e. Purchaser and successful bidder.
- 29.2 Within 7 days of receipt of the Contract Form, the successful bidder shall execute, sign and date the Contract and return it to the Purchaser.

### **30. Performance Security**

- 30.1 A Performance Security deposit equivalent to 05 percent of the total value of the estimated cost have to be furnished by the successful supplier in the form of Bank Guarantee/ fixed deposits from a scheduled Nationalized Bank acceptable to Inspector General of Police, PAC Western Zone Moradabad within 07 days of issue of Purchase Order for due performance

of the aforesaid agreement. The Performance Security Deposit will not carry any interest whatsoever in any circumstances.

### **31. Place of delivery**

Place of delivery shall be FOR destination. It shall be the supplier's responsibility to deliver at S.D.R.F. Bn. HQ Lucknow U.P. according to his own cost in full and good condition.

### **32. Delivery Period**

- (1) Early deliveries are required. Tenderers are required to quote their delivery schedule as per ITB- section 1(c)20.
- (2) Penalty @ 0.5% per week or part thereof of the contract value shall be levied for delay in supply subject to maximum of 10% in the form of LD.
- (3) In case the firm does not complete the supply within the delivery period, action will be taken against the firm as per Para 15.7 of DGS&D Manual and Para 14.7(i) of Ministry of Commerce, department of supply of the general conditions of the contract.
- (4) Firm should not deliver stores to consignee(s) beyond scheduled delivery period without obtaining prior sanction of purchaser.
- (5) In case, firm deliver stores after scheduled delivery period, even if the stores are accepted by the consignee, it would be at the risk and cost of the seller as the supply may not be taken as contractually accepted.
- (6) IGP, PAC Western Zone, Moradabad may extend delivery period with or without liquidated damage in exceptional circumstances.

### **33. Guarantee/Warranty**

- 1- That supplier shall provide warranty of not less than two years that the stores supplied would continue to be of the same quality and particulars for a period of two years from the date of supply of the store to consignee. Warranty details of sum equipment is mention in Technical Specification.
- 2- During Guarantee/Warranty period, the cost of all spare parts shall be borne by supplier.
- 3- If during the aforesaid period of not less than two years, the said stores be discovered not to conform to the description and quality aforesaid not giving satisfactory performance or have deteriorated, the decision of the tender accepting authority in that behalf shall be final and binding on the supplier and the IGP, PAC Western Zone, Moradabad shall be entitled to call upon the supplier to rectify and/or replace the stores or such portion thereof as it finds to be defective up to working life of equipments, or such specified period as may be allowed by the tender accepting authority in his discretion of application made thereof by the supplier and in such an event, the above period shall apply to the stores rectified and/ or replaced from the date of rectification, and/or replacement mentioned in warranty thereof. Otherwise the supplier shall pay to the UP PAC such compensations may arise by reasons of the warranty therein contained.
- 4- The firm/ agent submitting the tender should also specify the after-sales service, which will be provided. Such firm/agent shall also be bound to provide training for the use and repair of such equipment free of cost as and when and where required. After expiry of guarantee period from the date of

installation, the company should also indicate the A.M.C charges for next three years with per year rate and after the acceptance of tender, agreement bond has to be filled for responsibility of maintenance under the AMC on the quoted rates. During the maintenance and repair of equipments, the firm will not have and claim (or any amount) to the items/parts replaced with new items for free of cost, Ownership of parts of the equipments taken out in replacement during AMC/maintenance, will be the property of the department. In case firm fails to execute AMC or delays in repair of the equipment the Chairman can impose fine and the firm will be liable to pay the fine. It is made clear that if firm does not obey the conditions of AMC and subsequently the security measures are adversely affected, the firm shall be black listed.

## Section-II Conditions of e-Tender/ Contract (CC)

### 1. Cost of e-Bid

This tender document is available on the web site <http://etender.up.nic.in> and UPPolice website <http://uppolice.gov.in> to enable the bidders to view, download the e-Bid document and submits e-Bids online up to the last date and time mentioned in e-Tender notice/e-tender document against this e-Tender. The bidders shall have to pay e-Tender document fee (Table given below) of through Online e-Tender portal payable in favour of Zonal Amenities Fund, West Zone PAC, Moradabad (Union Bank of India A/c No. 518402011051040). The scanned copy of the Receipt of Online through e-Tender portal must be enclosed along with the e-Bid. This e-tender document fee is non-refundable:-

Name of Equipments	Tender Cost
Rubraised Inflatable Boats 10 Seated with OBM Engine 30 HP Four Stroke	<b>8,500-00</b>

### 2. Documents Constituting the e-Bid

The e-Bid prepared by the bidder shall comprise the following components:

- 1- **Technical e-Bid** - Technical e-Bid will comprise of:
- 2- **Fee Details** – includes copies of e-tender document processing Cost and Earnest Money Deposit (EMD) furnished in accordance with in PDF format.
- 3- **Qualification Details** – includes copies of required documents as per ITB Clauses 10 and 11 in PDF format justifying that the bidder is qualified to perform the contract if his/her bid is accepted and that the bidder has financial, technical and production capability necessary to perform the contract and meets the criteria outlined in the Qualification Requirement and Technical Specification and fulfill all the conditions of the Contract and that the goods and ancillary services to be supplied by the bidder conform to the e-Bid document and Technical Specifications.
- 4- **Technical Specification Details** – includes copy of filled in Technical Specifications as per Section-III(C) of e-tender document in PDF format.
- 5- **Financial e-Bid** – Financial e-Bid will comprise of:
  - 1- **e-Bid Form** – includes copy of filled in e-Bid Form as per e-tender document in PDF format.
  - 2- **Price Schedule/BOQ** – includes Price Schedule/BOQ in XLS format to be filled in after downloading from the e-Procurement website for this e-tender.

### 3. Period of Validity of e-Bid

- 1- e-Bid shall remain valid for 90 days after the date of e-Bid opening prescribed by the Purchaser, pursuant to ITB Clause 16. An e-Bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 2- In exceptional circumstances, the Purchaser may solicit the bidder's consent to an extension of the period of e-Bid validity. The request and the response thereto shall be made in writing. A bidder may refuse the request without forfeiting its e-Bid security. A bidder granting the request will not be required nor permitted to modify its e-Bid.

### 4. Opening of Technical e-Bid by the Purchaser

The Purchaser will open all technical e-Bids, in the presence of bidders' representatives who choose to attend at **11:30 AM on 15-10-2020** at Office of IGP, PAC Western Zone Moradabad-244001. The bidder's representatives who are present shall sign a register evidencing their attendance. In the event of the specified date of e-Bid opening being declared a holiday for the Purchaser, the e-Bids shall be opened at the appointed time and place on the next working day.

### 5. Place of delivery

Place of delivery shall be FOR destination. It shall be the supplier's responsibility to deliver at S.D.R.F. Bn. HQ Lucknow U.P. at his own cost in full and good condition.



**SECTION III : TECHNICAL E-BID**

<b>III (A)</b>	<b>e-Bid FORM</b>
<b>III (B)</b>	<b>SCHEDULE OF REQUIREMENTS</b>
<b>III (C)</b>	<b>TECHNICAL SPECIFICATIONS</b>
<b>III (D)</b>	<b>QUALIFICATION REQUIREMENTS</b>
<b>III (E)</b>	<b>PERFORMANCE STATEMENT</b>

**SECTION III (A) : e-Bid FORM**

Date : .....  
IFB No.:.....

To :

The Inspector General of Police,  
PAC Western Zone,  
Moradabad (U.P.) - 244001

Dear Sir:

Having examined the e-Bid Documents, we, the undersigned, offer to supply and deliver ..... *(Description of Goods and Services)* in conformity with the said e-Bid Documents and hereby undertake that we accept all the Conditions of the Contract (Section II) of the e-Bid Document and will supply the Modern Kitchen equipments, its installation and onsite comprehensive warranty and other related items/materials as per the Technical Specifications (Section III(C)) of the e-Bid documents for Inflatable Motor Rescue Boat Small (10 Seated). We further undertake that we fulfill the Qualification Requirements (Section III(D)) and for this purpose we enclose the details. In addition to this, the particulars of our organization such as legal status, details of experience and past performance, service support details, capability statement and the required e-Bid EMD for Rubraised Inflatable Boats 10 Seated with OBM Engine 30 HP Four Stroke in the form of online payment through e-Tender portal <http://etender.up.nic.in> / **Demand Draft / Bankers Cheque / from Scheduled Bank**, pledged in favour of IGP, PAC Western Zone Moradabad is furnished with this e-Bid form.

<b>Name of Equipments</b>	<b>EMD</b>	<b>Yes/ No</b>
Rubraised Inflatable Boats 10 Seated with OBM Engine 30 HP Four Stroke	<b>57,500-00</b>	

We further undertake, if our e-Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements (Section III (B)).

If our e-Bid is accepted, we will obtain the performance guarantee of a bank in the form prescribed by the Purchaser for a sum equivalent to 10% of the Contract Price for the due performance of the Contract

We agree to abide by this e-Bid for the e-Bid validity period specified in Clause 13.1 of the ITB and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this e-Bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us. All the terms and conditions of the e-tender Document are acceptable to us.

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

Dated this ..... day of ..... 20.....

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(in the capacity of)

Duly authorized to sign e-Bid for and on behalf of

\_\_\_\_\_

### SECTION III (B) : SCHEDULE OF REQUIREMENTS

<b>Item Code</b>	<b>Brief Description</b>	<b>Destination</b>	<b>Delivery Schedule</b>	<b>e-Bid EMD</b>
As per the details given in the SECTION III (C) TECHNICAL SPECIFICATIONS		S.D.R.F. Bn. HQ Lucknow U.P.	The Item shall be Delivered within 45 Days from the date of issue of the purchase order. The pre dispatch inspection of the items shall be done by the Purchaser before delivery at final destination.	<b>57,500-00</b>

## SECTION III (C) TECHNICAL SPECIFICATION

### TECHNICAL SPECIFICATION OF MOTOR BOAT 10 SEATED (30HP ENGINE) (4.5M INFLATABLE MOTOR BOAT WITH 30HP 4-STROKE OBM ENGINE)

#### 1. Scope:

This specification relates to the detailed requirements for the design, construction, tests & trials, documentation and warranty of 4.5m Inflatable Boats, intended for UPPAC

#### 2. FUNCTIONS

2.1 The inflatable boat shall perform the following tasks :-

- (a) Search & Rescue during floods
- (b) Transport men and material

2.2 The boat shall be designed to be seaworthy and carry out functions listed at Para 2.1 with full complement and at speeds (not less than 05 knots (avg. of upstream & downstream) commensurate with 30HP 4-stroke OBM). The craft shall be stable and should meet swamp & stability requirement specified at Para 17.15 of this Specification.

#### 3. Principal Particulars.

- |                           |   |                                    |
|---------------------------|---|------------------------------------|
| (a) Length.Exterior       | — | Not less than 4500 mm              |
| (b) Breadth exterior      | — | Not less than 1960 mm              |
| (c) Length interior       | — | min. 3200 mm                       |
| (d) Breadth interior      | — | min. 1000 mm                       |
| (e) Dia. of Buoyancy Tube | — | Not less than 480 mm               |
| (f) Carrying Capacity     | — | 10 men (82.5 Kg per person)        |
| (g) Weight of the craft   | — | Not more than 130 kg (Without OBM) |

3.2 The craft shall be built of Buoyancy Tube made of Composite Fabric consisting of Hypalon (outer layers) and Neoprene (inner layers) of 1670 Dtex 1500 GSM or equivalent, inspected by IRS as per ISO 15372 .The bottom floor of the boat shall be made of the same fabric as buoyancy tube. Reinforcement of the boat shall be provided using rubberized strips of Hypalon (outer layer) and Neoprene fabric (inner layer). The stern of the boat formed by a transom shall be made of Marine Plywood on which OBM can be mounted.

#### 4. APPROVAL AND INSPECTION BY IRS

4.1 The Craft is to be constructed under the approval of Indian Register of Shipping (IRS) in accordance with ISO 6185, Part 3 (2014) and the minimum requirements specified this requirement. Parameters not mentioned in this specification would be in accordance with ISO 6185, Part 3 for inflatable crafts, so as to ensure that the craft meets all functional/material requirement specified in this specification.

4.2 IRS Class approval shall cover following aspects:-

- (a) Design vetting
- (b) Drawing approval
- (c) Material Inspection
- (d) In-process Inspections
- (e) Tests & Trials

#### 5. CONSTRUCTION DETAILS

##### Buoyancy Tube

- 5.1 The material used for buoyancy tube shall be of Hypalon (outer layers) and Neoprene (inner layers) composite fabric, of 1670 Dtex 1500 GSM or equivalent inspected by IRS as per ISO 15372. The Buoyancy Tube shall be divided in to a minimum of 04 air tight compartments by means of baffles/bulk-heads. Each compartment shall be fitted with a combined inflation/deflation valve. The valves shall be made of rubber moulding and plastic nylon material or alternate marine grade material approved by class. The valves should be of reputed make and approved by Classification society for use on inflatable crafts.
- 5.2 The ends of the tube shall be conical and should terminate in suitably stiffened rubber conical flat ends to take impact loads during coming alongside/lowering. The two legs of the Buoyancy Tube shall be parallel.
- 5.3 The tube shall be strong enough to sustain the effects of ramming whilst coming alongside. The upper layer shall be strong enough to bear the rubbing impact against rough surfaces. In addition, an emergency repair kit with quick drying adhesive and ready use repair patches shall be provided.
- 5.4 The construction of the Buoyancy Tubes should be in accordance with class approved drawings and production processes.

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- 5.5 The attachment of bulkheads in the buoyancy tube shall be such that each chamber is rendered air tight under specified pressure.
- 5.6 The seams in the buoyancy chambers shall have an overlap not less than 3cm width and should be pasted with cold glue vulcanisation process or equivalent Class approved process. An additional strip is to be glued at the edge of each panel junction as well as strip inside all assembled parts in order to ensure a perfect water tight preventing from any leakage.

#### **Inflation/Deflation Valve**

- 5.7 (a) The Inflation/Deflation valve shall combine a high pressure air connection with a deflation valve in each air tight chamber and shall be as per ISO 6185-3 (2014).
- (b) The valve shall be fitted proud of the buoyancy tube on inner side of the buoyancy tube to enable identification/location in darkness.
- (c) The material of inflation/deflation valve fitted on the buoyancy tube shall be of suitable material for marine application.
- (d) Alternate design/arrangement for inflation/deflation valves which meet the above functional requirements is acceptable subject to the approval of Classification Society.

#### **Floor**

- 5.8 The floor shall be made of Hypalon (outer layers) and Neoprene (inner layers) composite fabric, of 1670 Dtex 1500 GSM or equivalent inspected by IRS as per ISO 15372. The floor shall be bonded to the underside of the buoyancy tube and attached by a floor retaining strip to the transom board. It shall be strengthened on its underside in way of the keelson by a keelson chafing strip of minimum 100 mm wide fabric. Chafing strips shall also be bonded to the underside at the after ends of the tubes.
- 5.9 Special attention shall be paid to the attachment of the floor to the buoyancy tube to ensure that the resulting joint is water tight. Special care is also to be taken that the floor is perfectly taut and smooth and has no puckers, when the craft is assembled and ready for use.

#### **Self Bailers/Drain Valves**

- 5.10 Two self bailers akin to NRV shall be located on the lowermost part of the transom board near the rear end fitment of the keel close to the centre line. The same shall be provided with a flexible flap to overcome pressure on the NRV in following seas. The self bailers shall automatically remove water from the craft at higher speeds.

#### **Transom**

- 5.11 The transom board shall be fitted and securely bonded to the buoyancy tube and the floor so as to provide a water tight joint. The Transom shall be designed for use with 30 HP 4-stroke OBM. The transom shall be made of marine plywood coated with FRP/GRP of appropriate thickness and to be suitably fitted out with engine mount made of marine grade Aluminium alloy plate and chafing patch. Hypalon coated fabric shall be pasted on the surface area of the transom to prevent it from damage as well as loosening from the tube body. Separate strip of suitable size shall be provided on the bottom of the transom to minimize chance of damage. Details regarding craft identification No. etc. shall be engraved on a builder's plate fitted on the inner side of the transom on starboard side. Towing rings, cleat and 'U' bracket shall be provided as per approved drawing.

#### **Floor Boards**

- 5.12 The Floor boards shall be made of High Strength Tempered Anodised marine grade Aluminium alloy with a non-skid finish. These boards shall be interconnected together to form a rigid platform. The forward/bow piece of floorboard may be made of marine plywood (IS 710) coated with FRP lamination.

#### **Keel**

- 5.13 The boat shall be provided with inflatable keel of suitable size to provide the rigidity & stability during operation of boat.

#### **Stowage Pockets**

- 5.14 Minimum One Stowage pockets shall be attached to the buoyancy tube in the forward in board side. The stowage pockets provided shall be capable of holding dynamic weight of 6 Kgs. Holes are to be provided at the bottom of the pocket to drain water (Size 340mm x 280mm x 90mm).

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**Rubbing Strips**

5.15 Following single piece Rubbing Strips of moulded neoprene rubber of 2" width (where not mentioned) and extending along the entire length shall be attached to the buoyancy tube for the protection of the craft:-

- (a) Bow rubbing strip 4".
- (b) Outer anti chafing strip 100mm wide on both sides.
- (c) Anti Chafing Strip under Keel.
- (d) Two Beaching Strips 100 mm wide under buoyancy tubes
- (e) Chafing patch for coxswain's position

**Carrying Handles**

5.16 Minimum Four Carrying handles shall be provided, two on each side and one front lifting handle. The handles shall be suitably reinforced to take a weight of 300 kgs all together. The handles shall be of Moulded Neoprene Rubber bonded to the buoyancy tubes.

**Towing Fittings and Securing Arrangements**

5.17 Following Towing fittings shall be provided. Towing fittings shall consist of suitably sized D Shackle of SS AISI 316(to pass towing rope) securely attached to fabric reinforcing patches bonded to the buoyancy tube.

(a) Towing/Lifting fittings, forward – One on either side of the craft, below the buoyancy tube at the beginning forward curve in the buoyancy tube.

(b) Towing fittings, aft – One on either side on the transom, shall be used if craft is employed for towing purposes.

(c) Load Test. The towing arrangement shall be load tested as per ISO 6185-3.

**Oars & Oar Securing Assemblies**

5.18 Two nos. of oars to be provided. Oars shall be positioned parallel/30° to the vertical when secured inside the inboard side of buoyancy tubes. Adequate securing arrangement shall be provided so that the oars are intact.

**Foot Bellow pumps**

5.19 Heavy duty bellow type foot pump (reputed make) of suitable design shall be provided to inflate the craft in approximately 20 minutes. The housing of pump is to be made of a heavy duty yet light-weight marine composite. The bellow to be made of coated reinforced fabric and all metal parts should be of stainless steel.

In addition, one heavy duty electric inflation pump of reputed make (12 V DC) and one pressure guage (capable of measuring pressure of tubes) of reputed make to be provided.

**Fabric Fittings**

5.20 Patches, doublers, anchorages, etc. shall be made and positioned as shown on the drawing which indicates finished size. Suitable tape/webbing reinforcement shall be used to distribute stresses adequately.

**Grab line**

5.21 There shall be grab line nylon braided (as per IS 4227) of dia. min. 12.0mm all along the sides for safety to be provided.

**6.0 MATERIAL SPECIFICATIONS**

6.1 Material Specification for the various items to be used for construction of Inflatable crafts are as follows:-

- a) The Material Specification for buoyancy tube, inflatable keel and floor, Hypalon (outer layers) and Neoprene (inner layers) composite fabric of 1670 Dtex or equivalent as per ISO 15372 and inspected by IRS.
- b) The Material Specification for Floorboard system as per recognized national/international standard.
- c) The material specified shall be strictly adhered to and no deviation is permitted. Materials referred to as approved shall be so approved by the Classification Society in accordance with the requirement specified in this Rule.
- d) The colour of all exposed surfaces / material shall be highly visible orange color.

**Adhesive**

6.2 The adhesive shall be Neoprene based contact adhesive of good quality and to be suitable for service in tropical environments as per specification. The adhesive shall consist of a dispersion of polychloroprene in a low boiling point solvent and may have additions of resins to promote building tack. The adhesive shall consist of 2 components, Part 1 and Part 2, Part 1 being the basic neoprene dispersion and part 2, the accelerator (hardener).

6.3 The adhesive should be approved by Classification Society for use on inflatable and meeting the minimum requirements specified in ISO 6185-3 (2014).

6.4 Alternate adhesive superior in properties are also acceptable subject to approval of Classification Society as per ISO 6185-3 (2014).

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**7.0 PRINCIPAL COMPONENTS OF BOAT**

The principal components of the complete assembly are as follows:

**7.1 Hull**

- 7.1.1 Buoyancy tube - Divided in minimum 04 compartments and complete with rubber conical flat ends.
- 7.1.2 Bulkheads - Dividing the buoyancy tube into min. 4 compartments.
- 7.1.3 Inflation/deflation valves - one set per chamber.
- 7.1.4 Transom - fitted with engine mount, anti chaff patch.
- 7.1.5 Floor - in proofed fabric
- 7.1.6 Keelson chafing strip - 1 No.
- 7.1.7 Aft chaffing strip - 1 No.
- 7.1.8 Inflatable Keel - 1 No.

**7.2 Hull Fittings**

(i)	Floorboards	- 1 Set.
(ii)	Bow Rubbing strip	- 1 No.
(iii)	Side Rubbing strip Aft	- 1 set
(iv)	Carrying Handles (Patch rubber with handle)	- 4 Nos.
(v)	Grab line	1 Set
(vii)	SS to AISI - 316 Hook on transom	- 2 Nos
(viii)	SS to AISI - 316 "D" rings	- 2 Nos
(ix)	Polygon (Al. alloy) & U Channel (Al. alloy)- as per offered design	
(x)	Pockets for stowage	- 01 Set
	(One for wireless set & one for inflation bellow pump)	

- (xi) Oars (Shall be light weight not more than 4Kgs and positively buoyant in water)
- (xii) Repair Kit (small) - fabric patches 05, adhesive tube (Dendrite) 500 gm, roughing tool, spanners of required sizes.

**7.3 Valises and Store bags**

- (i) Heavy duty storage bag for Hull - 01 No.
- (ii) Heavy duty storage bag for Floorboard - 01 No.
- (iii) Storage bag for oars & other accessories - 01 No.

**7.4 Additional Spares**

- (i) Inflation/ Deflation Valves 10 Nos
- (ii) Pressure guage 01 No
- (iii) Plugs for Water Drain 04 Nos
- (iv) NRV for Water Drain 10 Nos
- (v) Electric Inflation pump 01 No
- (vi) Bellow Inflation Foot Pump 2 Nos.
- (vii) Patching material with adhesive to repair leak/ damage in buoyancy tube

**8.0 PRODUCTION**

8.1 Manufacturing of the craft should be as per the detailed drawings approved by Indian Register of Shipping (IRS) and meeting the requirements mentioned in this specification. The production processes should also be approved and supervised by the IRS.

**PRODUCTION DAMAGES**

8.2 Any Production damage irrespective of size shall be repaired by complete part / panel replacement only. The replacement is to be undertaken by the contractor free of charge at the consignee place as soon as possible and in any case not later than one month from the date of receipt of intimation.

8.5 No patch repair is permitted on buoyancy tube/ floor. In case of production damages only part/ Panel Replacement shall be permitted.

8.6 Where a part panel replacement is necessary, the following parameters shall apply:

- (i) On the buoyancy tubes, not more than one part panel replacement will be permitted on each craft.
- (ii) On the floor not more than one part panel replacement will be permitted on each craft.



**9.0 RECORDS**

9.1 The builder shall develop and maintain records that demonstrate the effective operation of his quality control system and shall make these records available for review of the Inspecting agency. Inspection records shall include explicit identification of the material, part sub-assembly, equipment, sub-system or system, the nature and number of observations made, the number and type of deficiencies found the quantities approved or rejected and the nature of the corrective action taken, as appropriate. Records shall be retained until disposal is directed by the Inspector. The contractor shall furnish a copy of any record to the Inspector, on request.

**10.0 DRAWING & DOCUMENTS.**

10.1 Construction of the craft is to commence only after the approval of all drawings by Class. Drawing approval should include approval of Classification Society for component level detailed production drawing required for manufacturing the craft.

10.2 **As Fitted Drawings/Documents.** On successful completion of all tests/trials and prior to the delivery of the specific boat, the Builder shall supply to consignee two sets each of the following as fitted /as made drawings and documents with the craft.

- 10.2.1 Set of Test & trial reports
- 10.2.2 Buoyancy tubes
- 10.2.3 End cones of buoyancy tube
- 10.2.4 Floor and details of joint between floor and buoyancy tubes.
- 10.2.5 Transom with details of joint between transom, floor and buoyancy tube
- 10.2.6 Assembly drawings for keelson and floor board
- 10.2.7 Fitment details of each of fittings:-
  - (a) Inflation/Deflation valves
  - (b) Self bailers
  - (c) Rubbing Strips
  - (d) Carrying Handle
  - (e) Towing fittings,
  - (f) OBM attachment drawings illustrating Engine support.
  - (g) Fuel oil/L.O. system with storage provisions

10.3 The builder shall also supply soft copy of all the As Fitted /As Made drawings to the consignee.

**11.0 INSPECTION**

11.1 The inspection authority for the boats will be Indian Register of Shipping (IRS). The complete inspection of the craft as mentioned at Para 4 of this specification will be undertaken by Classification Society as per approved QAP. Towards this builder will submit the draft QAP for the approval of Classification Society.

11.2 The cost of conducting tests and the material required for the purpose are to be borne by the builder. The POL for conducting trials shall be provided by the builder at the site of trials.

**12.0 User Acceptance of First Craft of Every Order.** On successful completion and clearance post clearance from Classification Society, the first boat of the every order will be subjected to extensive user trials covering all functional requirements as well as test & trials brought out in this Specification. The trials shall be conducted jointly by Classification Society and Customer nominated team. Deficiencies observed by the trial team w.r.t the requirements stipulated in this specification should be liquidated by the builder at no extra cost. Subsequent crafts of the order shall be cleared by inspecting agency only after liquidation of all deficiencies observed during user acceptance trials of first craft.

**13.0 WARRANTY CLAUSE**

13.1 The inflatable crafts supplied shall bear a warranty of the contractor, against defective material, workmanship and performance for a period of **24 months** from the date of receipt of the consignment of the stores. During this period if any of the stores supplied found defective the same shall be replaced by the contractor free of charge at the consignee place as soon as possible and in any case not later than one month from date of receipt of intimation by the contractor. Delay in replacement/repair beyond one month shall invite penalty @ 0.5% per week or part thereof of the cost of goods/stores/parts/assembly in question. In addition Inflatable crafts should have manufacturers /builders warranty for 05 years for the fabric used and 36 months for the adhesion at joints, under normal exploitation.

**14.0 INSPECTION AUTHORITY**

14.1 The inspection authority for the boats will be IRS.



**15.0 DEFLATION AND DISMANTLING**

15.1 When deflated and dismantled the craft and components shall be stowed in heavy duty top-proofed PVC coated nylon fabric valises as defined in Para 7.3 above.

**16.0 PACKING INSTRUCTION**

16.1 The unit shall be suitably packed to withstand the hazards of rail / road transit and with a view to avoid any damage during transit and safe arrival at consignee's address.

**17.0 INSPECTION TEST AND TRIALS FOR PROTOTYPE CRAFT****Physical and Chemical Tests**

17.1 Fabric and cordages are to be of approved type. If considered necessary, following physical and chemical tests on samples of various types of fabrics, cordages shall be carried out by Classification Society in order to ensure that these conform to the required designed specifications.

**Fabrics**

17.2 Prior to starting manufacture, the manufacturer shall submit samples of the fabric to the Inspecting Officer as follows:

Buoyancy Fabric	-	1 Meter long full width
Floor Fabric	-	-do-
Floorboard Fabric	-	-do-

17.3 The testing of fabric shall be arranged at appropriate NABL approved laboratories in presence of IRS Surveyor.

**Dimensions**

17.4 The dimensions of the craft shall be measured with the craft inflated and completely rigged.

17.5 The diameter of the buoyancy chambers shall be taken at 3 points along each parallel side. The width shall be measured at the transom and at a point midship. The internal lengths shall be measured between a pump line from inner one of the buoyancy tube to the bottom end of transom along the floorboards.

**Air Inflation Tests**

17.6 The under mentioned tests shall be carried out of the craft when completed with all fittings. During the tests draughts shall be guarded against and the temperature shall be kept as constant as possible throughout the test.

17.6.1 For every 1° Centigrade (1 degree Fahrenheit) rise above the temperature at commencement of the test, 0.004 bar (0.058 PSI or 1.5 inch of water) is subtracted from the final pressure reading and for every 1° Centigrade (1 degree Fahrenheit) fall in temperature 0.004 bar (0.058 PSI) shall be added to the final pressure reading. If the temperature variation during the period of the test is greater than 3.0 °C the test is invalid and a further test shall be made under more constant temperature conditions. Accurate thermometer readings shall be taken.

**Inflation Test****Preliminary Inflation Tests**

17.7 The whole of the buoyancy tube shall be inflated 1.2 times of nominal pressure defined by manufacturer (but min. 2 PSI (55 inches of water) to pre-stretch the boat and left for 30 minutes. The pressure at the end of this test shall not be noted, but craft examined for undue stretch or distortion.

**Air tightness Pressure Test**

17.8 The whole of the buoyancy tube shall be inflated to nominal pressure defined by manufacturer (but min. 0.14 kg/cm<sup>2</sup> or 2 PSI) and left for 24 hrs., the pressure drop after correction for temp. change shall not be greater than 20% in any compartment.

**Bulkhead/Overpressure Test**

17.9 Each Chamber of the buoyancy tube shall to be inflated to 1.5 times of nominal pressure defined by manufacturer (but min. 3 PSI) with all other chambers remaining deflated and left for 30 minutes. No damage or rupture shall occur. Fall in pressure corrected for change in temperature shall not to exceed 0.012 Kg/cm<sup>2</sup> or 4.5 inch of water column.

17.10 The tests stipulated in 16.11 to 16.15 below shall be carried out in calm conditions in smooth water. Service Floor Boards with additional 10 Kg weight shall be used for the tests.

**Floatation Test**

17.11 Each craft shall be inflated and assembled complete with keelson and bottom boards. It shall be floated in water. A load of 825 Kg shall be distributed evenly over the floor boards and the craft left floating for 30 minutes. No leakage of water is to occur. Any defects found at the conclusion of this test shall be made good by the builder.

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**Free Board**

17.12 The free board of the vessel when floating fully inflated in calm water and loaded with a test load of 825 Kg. shall not be less than  $1/6^{\text{th}}$  the diameter of the main buoyancy tube, forming a side of the vessel, such free board being measured at mid length of the vessel.

**Assembly/ De-assembly**

17.13 It shall be proven that the craft can be assembled and de-assembled as per standard procedures.

**Deflation**

17.14 Deflation tests shall be carried to prove that the craft can be successfully deflated.

**Swamp & Stability Examination**

17.15 Swamp & stability check to be carried out as per ISO 6185-3.

**Damage Test**

17.16 The craft shall be capable of supporting 825 kgs with any two alternate compartments deflated.

**Power Trials**

17.17 Power trials with the outboard engine (30 hp 4-stroke OBM) shall be conducted under various loads (light load & full load min.) alongwith turning circle, maneuverability trials, crash stop and performance of the boat shall be satisfactory during trials.

**Towing Tests**

17.18 (a) The boat shall be tested in the manner described below.

(b) Embark the maximum number of persons reckoned and position them uniformly within the seated area.

(c) Tow the boat by its towing point at a speed of not less than 4 knots, allowing a tow line length of 3 boat length.

(d) Carryout manoeuvres for not less than 15 min.

(e) The boat shall be closely examined at the end of the test period for any structural failure in the form of fracture, tear etc on any part of the hull or boat component, such as deck or thwarts, and including any boundary interface such as floor/hull.

(f) The point of attachment of the tow line shall remain secure during the period of the test.

(g) Evidence of any of the referred-to structural failures shall be regarded as failure of the boat.

**Righting Test**

17.19 The capsized craft shall be capable of being righted by two men with an average weight of 82.5 Kg each. For this test if two men each weighing 82.5 Kg are not available, then 3 men whose total weight does not exceed 250 kgs may be used. During this test, the craft shall be in its light condition with no engine and or other equipments fitted in the craft

**Rowing test for Oars**

17.20 It shall be proved that the craft loaded with 825 can be oar propelled. The craft shall be turned, brought alongside etc. The test shall be conducted over a distance of 300 meter in light load & full load condition of attachment to tube shall be examined for any damage.

**18 TEST SCHEDULE FOR PRODUCTION CRAFTS**

18.1 **Fabrics:** Clause 17.2 applies

18.2 **Dimensions:** Clause 17.4 applies

18.3 **Other Tests:** Test prescribed in clauses 17.4 to 17.20 shall be carried out on all crafts except for 17.15, 17.16 & 17.19 which required only on first boat of the order unless there is no changes in stability or design data.

**19.0 STENCILLING AND MARKING**

19.1 The following shall be marked on builder's plate fitted on inner side of the transom starboard side.

BOAT GENERAL PURPOSE

INFLATABLE NO.:

DATE OF SUPPLY:

NAME OF MANUFACTURER :

MAX LOAD CARRYING CAPACITY (KG):

MAX MOTOR RATING (KW):

MAX NO. OF PERSONS:

RECOMMENDED WORKING PRESSURE

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- 19.2 The following parts shall have the identification of the craft permanently marked on them:-

Bottom boards	Stencil marking to be made.
Oars	-do-
Storage bags	-do-
Valises	-do-

- 19.3 The stencilling is to be in black ink, waterproof and of a quality non-injurious to the proofed fabric.

## **20 COMPLETION**

20.1 The craft shall be completed in all respects to the satisfaction of the Inspector. All items of equipment to be checked. The craft shall be assembled on the shop floor and a check is to be carried out that the parts fit properly.

20.2 On completion of all tests and examinations the hull and bottom boards, etc. shall be packed into their valises, before dispatch.

## **NOTE**

01 The confirmation that the stores are meeting the specification should be supported by adequate Documents/Literature etc.

02 These documents of all stores offered be numbered and attached after all appendices and the numbering may be in continuation.

03 All the Equipment or entire set should be packed as per instructions contained in para-16 of schedule-I and schedule-II.

04 All Boats shall be compatible and will be tested with 30HP OBM with specification at Annexure-A to this schedule-V.

## **OBM ENGINE 30HP, 4-STROKE**

### **1. Scope:**

This specification relates to the detailed technical requirements of 30 HP four Stroke Outboard Motor (OBM) intended to be used on 4.5m Inflatable Boats of UPPAC.

### **2. FUNCTIONS**

2.1 The 30 HP Four Stroke Outboard Motor (OBM) is intended to be used on 4.5m Inflatable Boats, which shall perform the following tasks :-

- (c) Search & Rescue during floods
- (d) Transport men and material

### **3. Requirements**

3.1 The make & model of OBM shall be of reputed make like Mercury, Mariner, Yamaha, Honda. OBM make should have indigenous product support throughout India.

3.2 OBM shall be compatible (throttle response throughout its speed range, shaft length, propeller etc.) with 4.5m Inflatable Boats and can be quickly attached to boat whenever required.

3.3 The Outboard motor shall be of four strokes, minimum three cylinders in-line gasoline engine with suitable propeller.

3.4 The OBM should be capable of developing 30 HP.

3.5 The engine cooling system shall be water cooled with thermostat.

3.6 The OBM should have electronic fuel injection system.

3.7 The OBM shall be provided with tiller handle for steering. OBM shall have manual trim & tilt.

3.8 The exhaust shall be through propeller.

3.9 The lubrication system shall be wet sump.

3.10 The engine and drive line shall be fitted in enclosed housing to protect from water.

3.11 OBM shall be electric started along-with manual starting capability.

3.12 OBM shall have forward, neutral & reverse gear shifting arrangement.

3.13 The OBM shall be provided with OEM supplied standard fuel tank, connecting fuel hoses.

3.14 The OBM shall be provided with maintenance free battery of reputed make of suitable amperage capable of starting of OBM.

3.15 OBM shall be provided with owner's manual & service manual.

3.16 OEM recommended standard spares are to be provided.

3.17 OEM Shall be provided with suitable storage stand.

*[Handwritten signatures and initials in blue ink]*

-9-

**On-board spares (OBS)**

1.1 Engine oil filter	- 03 nos.
1.2 Fuel Filter	- 06 nos.
1.3 Air Filter	- 02 nos.
1.4 Fuel line with priming valve and connectors	- 01 no.
1.5 Propeller	- 01 No.
1.6 Spark plug	- 03 nos.
1.7 Spark plug wrench	- 01 no.
1.8 Water pump repair kit	- 01 set
1.9 Water pump impeller	- 01 no.
1.10 Gear oil drawn screw washer	- 06 nos.
1.11 Lubrication oil drain plug washer	- 02 nos.
1.12 Fuses of all system complete	- 02 set

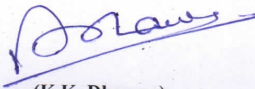
**12.0 INSPECTION**

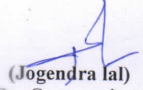
4.1 The inspection authority for the Outboard Motors will be IRS. The engines are to be IRS approved type. The charges of inspection authority, if any, shall be borne by the firm.


4.2 The cost of conducting tests including POL and the material required for the purpose are to be borne by the firm.


**17.0 PACKING INSTRUCTION**

5.1 The unit shall be suitably packed to withstand the hazards of rail / road transit and with a view to avoid any damage during transit and safe arrival at consignee's address.

  
(K.K. Dhawan)  
Senior Principal Surveyor,  
I.R.S. New Delhi/ Member  
Tech. Committee

  
(Jogendra Lal)  
Dy. Commandant,  
41<sup>st</sup> BN PAC GZB/  
Member Tech. Committee

  
(Bharati Singh)  
Commandant,  
41<sup>st</sup> BN PAC GZB/  
Member Tech. Committee

  
(Anant deo)  
Dy. Insp. Genl. of Police  
Moradabad/Meerut Sector  
Chairman Tech. Committee

**SECTION III(D) : QUALIFICATION REQUIREMENTS**

1. The bidder should be a branded/original equipment manufacturer (OEM) of PAC Equipment.
2. The bidder should have relevant documents for the following every equipments:

(A)

Sl. No.			Page No.
1.	Have you attached proof of registration under GST ?	Yes / No	
2	Have you attached undertaking warranty not less two years ?	Yes / No	
3	Have you attached Performance statement/ compliance certificate, copy of supply orders & necessary Certificates from current/previous clients?	Yes / No	
4.	Have you attached an affidavit on appropriate non judicial stamp paper that you :		
	(a.) Have not been declared bankrupt by any Institution or Government?	Yes / No	
	(b.) Is not black listed by the Government or any other Organization for failure to pay any dues?	Yes / No	
	(c.) Have not been adjudged by any court as insolvent or was not under any law for an offence involving moral turpitude or any criminal activities etc.?	Yes / No	
5	Have you furnished your Permanent Income Tax and GST Account Number?	Yes / No	
6	Have you mentioned rates of Excise duty & GST if quoted exclusively?	Yes / No	
7.	The deliveries shall be executed within 45 Days from the date of issuing order. Have you attached delivery schedule & its justification?	Yes / No	
8	Have you attached full technical details, printed leaflets with full & detailed specifications of each item, Make, Model of proposed equipment?	Yes / No	
9	Have you attached detailed specifications of accessories?	Yes / No	
10	Have you attached copy of purchased/ downloaded tender document duly signed on each page?	Yes / No	
11	Have you marked page numbers from beginning to end of your tender proposals?	Yes / No	
12.	Have you made initials on each page of tender document?	Yes / No	
13	Has Earnest Money deposit been enclosed? If not then supporting documents are submitted for exemption of Earnest Money.	Yes / No	
14	Has the cost of tender been enclosed with the document if downloaded from website?	Yes / No	
15	Has tenderer accepted the offer validity as required?	Yes / No	
16	Has tenderer submitted Balance sheet of Previous three years.	Yes/No	

Signature of Tenderer \_\_\_\_\_

Address \_\_\_\_\_

## (B)

निविदा हेतु आवेदन-पत्र

सेवा में,

अध्यक्ष क्रय समिति/  
पुलिस महानिरीक्षक, पीएसी,  
पश्चिमी जोन, मुरादाबाद।

महोदय,

मैंने उत्तर प्रदेश की पीएसी बाढ़ राहत कम्पनियों में बोटो की आपूर्ति किये जाने के सम्बन्ध में आपके स्तर से प्रकाशित निविदा सूचना दिनांकित-----का अध्ययन किया एवं पीएसी बाढ़ राहत कम्पनियों में बोटो की आपूर्ति हेतु निविदा प्रस्तुत कर रहा हूँ:-

उपकरण का नाम	कुल मात्रा	धरोहर राशि (EMD)	तकनीकी विशिष्टियां
1	2	3	4
<b>RUBRAISED INFLATABLE BOATS 10 SEATED WITH OBM ENGINE 30 HP FOUR STROKE</b>	12	57,500-00	तकनीकी विशिष्टियां इस आवेदन पत्र के साथ संलग्न की जा सकती हैं।

1. आपूर्ति हेतु प्रस्तावित उक्त उपकरण के लिए ई-निविदा में अंकित धनराशि रुपये ----- शब्दों में (रु०-----) धरोहर राशि के रूप में जोनल एमिनिटीज फण्ड/पुलिस महानिरीक्षक, पीएसी पश्चिमी जोन, मुरादाबाद के पक्ष में देय डिमाण्ड ड्राफ्ट/बैंकर चैक/बैंक गारन्टी संख्या.....दिनांक.....संलग्न है।

2. प्रकाशित ई-निविदा सूचना में अपेक्षित मूल अभिलेख निविदा खुलने के उपरांत तकनीकी समिति के समक्ष प्रस्तुत करूंगा।

3. इस निविदा आवेदन पत्र के साथ संलग्न निविदा सूचना संख्या: ----- दिनांकित-----में क्रय हेतु प्रस्तावित उपकरण का विवरण तथा उपकरण से संबंधित नियम एवं शर्तों का गहनतापूर्वक अध्ययन कर लिया गया है तथा सभी शर्तें बिना किसी आपत्ति के स्वीकार हैं।

4. क्रय हेतु प्रस्तावित एवं निर्धारित स्पेसिफिकेशनयुक्त उपकरण की निविदा प्रस्तुत की जा रही है।

दिनांक:-

निविदादाता के हस्ताक्षर सील मुहर सहित  
निविदा प्रस्तुत करने वाली फर्म का नाम  
एवं आयकर/GST का पंजीकरण संख्या

**(C)**  
**DETAILS OF MANUFACTURER**

1. Details of manufacturer.	
(a) Name :	
(b) Office :	
(i) Address :	
(ii) Telephone :	
Land line :	
Mobile :	
(iii) Fax :	
(iv) e-mail :	
(c) Works :	
(i) Address :	
(ii) Telephone :	
(iii) Fax :	
(d) Contact person including name of Head of Firm as well as of Board of Director	
(i) Name:	
(ii) Designation	
(iii) Telephone :	
Land line :	
Mobile :	
(iv) Fax :	
(v) e-mail :	
(e) supporting authorization documents (kindly attach)	
2. Details and Address of Subsidiary Office(s)	
3. In case of foreign firm, contact person in Delhi/ India	
(a) Name :	
(b) Address :	
(c) Name of company :	
(d) Telephone : Land Line : Mobile :	
(e) e-mail :	
(f) Fax :	
(G) Certificate of authorized distributor/dealer (kindly attach)	
4. Please confirm that you have offered packing as per tender enquiry requirements. If not indicate deviations	
5. Gross weight of consignment. (Net weight of each item)	
6. PAN	
Confirm whether you have attached photocopy of PAN Card duly attested.	
7. Status	
(a) Indicate whether you are LSU or SSI.	
(b) Are you registered with DGS&D for the item quoted? If so, indicate whether there is any monetary limit on registration	
(c) If you are a Small Scale Unit registered with NSIC under Single Point Registration Scheme, whether there is any monetary limit.	
(d) In case you are registered with NSIC under Single Point Registration Scheme for the item quoted, confirm whether you have attached an attested photocopy of the registration certificate indicating the items for which you are registered.	
8. Banker :-	
(a) Name :	
(b) Address :	
(c) Telephone :	
(d) e-mail :	
(e) Fax :	
9. Business name and Constitution of the firm. Is the firm registered under :-	
(i) The Indian Companies Act, 1956	
(ii) The Indian Partnership Act, 1932. (Please also give name of partners)	
(iii) Any Act; if not, who are the owners. (Please give full names and address.)	
10. Whether the tendering firm is Manufacturer of the store specified in the tender.	

11. (a) If stores offered are manufactured in India, please state whether all the raw materials, components etc used in their manufacturing are also produced in India. If not give details of materials components etc, that are imported and their breakup of the Indigenous and Imported components together with their value and proportion it bears to the total value of the store should also be given.	
(b) Authorized Dealers/Distributors to specify the details of indigenous and imported material with their value.	
12. State whether raw materials are held in stock sufficient for the manufacture of the stores.	
13. Please indicate the stocks in hand at present time.:	
i) Held by you against this Enquiry.	
(ii) Held by M/s. _____ over which you have secured an option	
14. Do you agree to Sole Arbitration by Secretary Ministry of Home Affairs or by some other person appointed by him as provided in Clause 24 of the General Conditions of Contract form DGS&D-68 (Revised) (Your acceptance of non-acceptance of this clause will not influence the decision of the tender. It should, however, be noted that an omission to answer the above question will be deemed as an acceptance of the Clause).	
15. For Partnership firms state whether they are registered or not registered under Indian Partnership Act, 1932. Should the answer to this question by a Partnership firm be in the affirmative, please state further :-	
(a) Whether by the partnership agreement, authority to refer disputes concerning the business of the partnership to arbitration has been conferred on the partner who has signed the tender.	
(b) If the answer to (a) is in the negative, whether there is any general power of attorney executed by all the partners of the firm authorizing the partner who has signed the tender to refer dispute concerning business of the partnership to arbitration.	
(c) If the answer to either (a) or (b) is in the affirmative, furnish a copy of either the partnership agreement or the general power of attorney as the case may be	
N.B.: (1) Please attach to the tender a copy of either document on which reliance is placed for authority of partners or the partner signing the tender to refer disputes to arbitration. The copy should be attested by a Notary Public or its execution should be admitted by Affidavit on a properly stamped paper by all the partners.	
(2) Where authority to refer disputes to arbitration has not been given to the partner signing the tender the tenders must be signed by every partner of the firm	
16. Here state specifically:	
(i) Whether the price tendered by you is to the best of your knowledge and belief, not more than the price usually charged by you for stores of same nature/class or description to any private purchaser either foreign or as well as Govt. purchaser. If not state the reasons thereof if any. Also indicate the margin of difference.	
(ii) In respect of indigenous items for which there is a controlled price fixed by law, the price quoted shall not be higher than the controlled price, and if the price quoted exceeds the controlled price the reasons thereof should be stated.	
17. Are you.	
(i) Holding valid Industrial Licence(s)/Registration Certificate under the Industrial Development and Regulation Act, 1981. If so, please give particulars of Industrial Income Registration Certificate.	
(ii) Exempted from the licensing Provision of the Act for the manufacture of item quoted against this tender. If so, please quote relevant orders and explain your position.	
(iii) Whether you possess the requisite license for manufacture of the stores and/or for the procurement of raw materials belonging to any controlled category required for the manufacture of the store? In the absence of any reply it would be assumed that no license is required for the purpose of raw materials and/or that you possess the required license.	
18. State whether business dealings with you have been banned by Min./Deptt. of Supply/Min. of Home Affairs?	
19. Have your Firm ever been black listed or debarred by any Govt or Semi Govt or Autonomous bodies.	
20. Please confirm that you have read all the instructions carefully and have complied with them accordingly.	
21. Sale Tax office Address.	
22. Details of last income Tax return (Enclose copy)	
23. Name and details of Authorized Person detailed For dealing this case with PAC for this Tender (Photo Copy of I-Card to be attached)	
24. Change the name of the firm, if any, since origin, with date and reasons there of :	
25- Details of FIR/ complaint lodged against your firm with police, if any.	
Signature of witness	Signature of Tenderer



Full name (Block letters) Address:-	1-Full name (Block letters) 2- Address:-
	(2) Whether signing as Proprietor/ Partner/ Constituted Attorney/ duly authorized by the Company.

N. B. Tenderers should furnish specific answers to all the questions. Tenderers may please note that if the answers so furnished are not clear and/ or are evasive, the tender will be liable to be ignored.

Signature of Tenderer

Date with stamp

Name of Tenderer

### SECTION III (E) : PERFORMANCE STATEMENT FORM

Performa for Performance Statement (for a period of last three financial years)

Name of Company/Firm.....

1	2	3	4	5	6	7	8	9
Contact Nos	Description of stores	Quantity of order	Value	Original Delivery Period	Qty. supplied within original Delivery Period	Final Ext. Delivery Period	Last Supply position	Reasons for delay in supplies (if any)

Signature and Seal of the E-Bidder  
With name of the authorized person

**SECTION-IV : FINANCIAL e-BID**

IV(A)	e-Bid FORM
IV(B)	PRICE SCHEDULE/BOQ

**SECTION IV (A) : e-Bid FORM**

Date : .....  
IFB No. ....

TO : (Name and address of Purchaser)

Dear Sir :

Having examined the e-Bid Documents, we, the undersigned, offer to supply and deliver ..... (Description of Goods and Services) in conformity with the said e-Bid Documents for the rates as may be ascertained in accordance with the Schedule of rates attached herewith and made part of this e-Bid, and hereby undertake that we accept all terms and the conditions of the contract (section II) of the e-Bid Document and will supply the computer systems and other items as per the Technical Specifications (Section III(C)) of the e-Bid documents. We further undertake that we fulfill the qualification requirement (Section III(D)) and for this purpose we enclose the details. In addition to this, the particulars of our organization such as legal status, principal place of business, details of experience and past performance, service support details, capability statement and the required e-Bid security in the form of Online through e-Tender portal, pledged in favour of Inspector General of Police, PAC Western Zone, Moradabad are furnished with this e-Bid form.

We further undertake, if our e-Bid is accepted, for supply, installation of equipment, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements (section III (B)).

If our e-Bid is accepted, we will obtain the performance guarantee of a bank in the form prescribed by the Purchaser for a sum equivalent to 10% of the Contract Price.

We agree to abide by this e -Bid for the e-Bid validity period specified in Clause 13.1 of the ITB and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this e -Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

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

Dated this ..... day of ..... 20.....

-----  
(Signature & Name of Official)

-----  
(in the capacity of)

Duly authorized to sign e-Bid for and on behalf of

1. Early deliveries are instantaneously required. It shall be executed within two months.
2. The tenders whose technical offer fulfills the eligibility criteria in accordance with clause-2 shall be required to submit a trial. Sample prototype of the offered rescue boat having capacity of 15 persons with OBM engine 40 HP for inspection by the technical committee on demand for purpose of technical evaluation at their works at his own cost within 06 days.

## SECTION IV (B): PRICE SCHEDULE / BOQ

Note: Evaluation for bids shall be done schedule wise based on total bid price  
(Excluding GST), received for all items for that schedule

[Validate](#)
[Print](#)
[Help](#)

### Item Wise BoQ

**Tender Inviting Authority:** < Inspector General Of Police, PAC, Western Zone Moradabad.>

**Name of Work:** < Supply of PAC Equipments >

**Contract No:** < PAC-WZ-338-2020(MOTOR BOAT)>

Name of the  
Bidder/ Bidding  
Firm / Company :

#### PRICE SCHEDULE (DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER	NUMBER	NUMBER	NUMBER	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE In Figures To be entered by the Bidder in Rs. P	Excise Duty Amount in INR Rs. P	GST Amount in INR Rs. P	Freight Charges ( Unloading & Stacking) in Rs. P	Any Other Taxes in Rs. P	Any Other Duties/Levi es in Rs. P	TOTAL AMOUNT Without Taxes col (13) = (4) x (7) in Rs. P	TOTAL AMOUNT With Taxes col (14) = sum (8) to (13) in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	RUBRAISED INFLATABLE BOATS 10 SEATED WITH OBM ENGINE 30 HP FOUR STROKE	Lot No-39	12	Nos	0.00							0.00	0.00	INR Zero Only
Total in Figures												0.00	0.00	INR Zero Only
Quoted Rate in Words														INR Zero Only

**Note – The L-1 bidder shall be selected Schedule wise.**