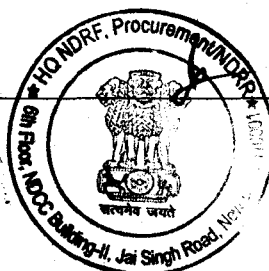


DIRECTORATE GENERAL NATIONAL DISASTER RESPONSE FORCE
6th FLOOR, NDCC-II BUILDING, JAI SINGH ROAD, NEW DELHI-110001

CORRIGENDUM NOTICE No. 04
(Consisting of 03 pages only)

With reference to discussion/clarifications on points/suggestions relating to terms & conditions and specifications following clarification be incorporated in the relevant terms & conditions and specifications given in the Tender Enquiry No.1-17018/1315-(A)/HQ-NDRF/2018/5693 dated 03.08.2018 for procurement of 216 Nos. Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves & Dive Fins) for NDRF Bns:-

SN	FOR CLAUSE	READ AS									
01	Para 1 of page No.1 of TE: On behalf of the President of India, DG NDRF invites on line tender in two-bid system for the procurement of 216 Nos. Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) for NDRF Bns detailed in the schedule.	Para 1 of page No.1 of TE: On behalf of the President of India, DG NDRF invites on line tender in two-bid system for the procurement of 216 Nos. Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) & 360 Nos. Spare Cylinder for NDRF Bns detailed in the schedule.									
02	Page No.6, Schedule of requirement –I (List of Stores) - Existing -	Page No.6, Schedule of requirement –I (List of Stores) <table> <tr> <th>S.No.</th><th>Description of store</th><th>Qty</th></tr> <tr> <td>01.</td><td>Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines)</td><td>216</td></tr> <tr> <td>02.</td><td>Spare Cylinder</td><td>360</td></tr> </table>	S.No.	Description of store	Qty	01.	Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines)	216	02.	Spare Cylinder	360
S.No.	Description of store	Qty									
01.	Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines)	216									
02.	Spare Cylinder	360									
03.	Page No.7, Schedule of requirement –II (List of Consignees) - Existing -	Page No.7, Schedule of requirement –II (List of Consignees) Attached as annexure - I									
04	<u>Page No. 18 to 21 :: TECHNICAL SPECIFICATIONS OF PERSONAL DIVING KIT (DIVING SUIT, BREATHING APPARATUS, WEIGHT BELT, GLOVES, DIVE FINES)</u> - Existing Specifications -	<u>Page No. 18 to 21 :: TECHNICAL SPECIFICATIONS OF PERSONAL DIVING KIT (DIVING SUIT, BREATHING APPARATUS, WEIGHT BELT, GLOVES, DIVE FINES)</u> Revised Technical specification attached as Annexure-II. Note:- No representation with regard to amendment of technical specifications are entertained as all necessary amendments have already been incorporated in the revised technical specifications.									



05

Sl.No.4, 5 & 8 (i) at page No.31 Spl.

Condition of Contract.

Store	Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines)
Quantity	216 Nos.
Earnest Money	Rs.7,23,950/- (Rupees Seven Lakhs Twenty Three Thousand Nine Hundred Fifty) only with 06 Months validity from date of opening of Tender

06

Para 11, page No.25 TENDER SAMPLE

11.1 Requirement of Tender sample: Tender sample is required along with offer/bid. Tenderer are requested to deposit **01 No Personnel Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fins), 01 No. Spare Cylinder and 01 No. Knife** as tender sample in sealed box with DIG (Prov.) HQ DG NDRF, Pt. Deendayal Antyodaya Bhawan, 9th Floor, CGO Complex, New Delhi on due date and time of opening of tender. In case, tenderer fails to deposit tender sample on due date and time, offer/bid of the firm will be rejected. Physical evaluation of tender sample will be carried out by a detailed committee in presence of representative of firm in respect of those firms who qualify in technical evaluation. No extension for submission of tender sample shall be granted in any circumstances due to emergent requirement of the stores. The Tender sample will be kept with DIG (Prov.) HQ DG NDRF till finalization of tender.

11.2 Tenderer shall furnish test report certificate from Govt. Approved Lab/NABL/ILAC accredited lab or certifying agencies like BIS (i.e. ISI Mark)/ CE/EN/BIS conforming specifications procedure mentioned in this tender enquiry for their offered model. In case firms submitting lab test report then, the lab test report should not be older than the date of issue of tender notice. In case, CE/EN/BIS certification is submitted, the validity of the certificate should be equal to the validity of tender at least. The offer received without lab test report/certificate as above will liable to be rejected.

Sl.No.4, 5 & 8 (i) at page No.31 Spl.

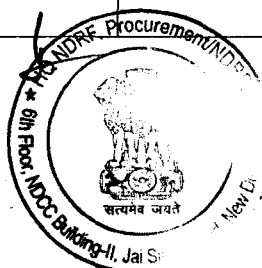
Condition of Contract.

Store	216 Nos. Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) & 360 Nos. Spare Cylinder
Quantity	As above.
Earnest Money	Rs.9,54,350/- (Rupees Nine Lakhs Fifty Four Thousand Three Hundred Fifty) only with 06 Months validity from date of opening of Tender

Para 11, page No.25 TENDER SAMPLE

11.2 Tender sample is not required along with offer/bid at the time of opening of tender. The firms whosever found qualified in technical evaluation are required to submit **01 No Personnel Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fins)**. Maximum 15 days will be provided to the firms who qualified in technical evaluation for submission of tender sample for physical evaluation failing with their offers will be rejected. Physical Evaluation of the sample will be carried out by Board of Officer of NDRF along with technical representative of IRS in Delhi. No any extension for submission of tender sample will be granted in any circumstances due to emergent requirement of the stores.

11.2 Tenderer shall furnish test report certificate from Govt. Approved Lab/NABL/ILAC accredited lab or certifying agencies like BIS (i.e. ISI Mark)/ CE/EN/BIS conforming specifications procedure mentioned in this Corrigendum to tender enquiry for their offered model at the time submission of sample. In case firms submitting lab test report then, the lab test report should not be older than the date of issue of tender notice. In case, CE/EN/BIS certification is submitted, the validity of the certificate should be equal to the validity of tender at least. The sample received without lab test report/certificate as above will liable to be rejected.

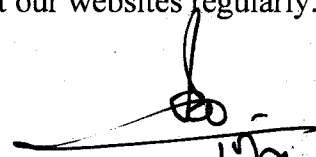


07	<p>Page No. 35 of TE : STANDARD FORMATS-III</p> <p>PROFORMA FOR PRICE BID</p> <p>- Existing proforma -</p>	<p>Page No. 35 of TE : STANDARD FORMATS-III</p> <p>PROFORMA FOR PRICE BID</p> <p>Revised BoQ attached as Annexure – III.</p> <p>Note:-</p> <p>Since bid submission start date has already been started, it is not possible to amend the excel sheet BoQ uploaded on CPP portal at this stage. Therefore, it is advised that bidder who will participate in the tender may not include cost of communication set (Hard Wired) and Spare Cylinder in excel sheet BoQ.</p> <p>The cost of Communication set (hard Wired) and Spare Cylinder may be quoted in respective column of pdf format BoQ attached with this Corrigendum and upload on CPP portal.</p> <p>L1 firm will be decided on the basis of price of Personal Diving Kit quoted in the excel sheet BoQ and cost of Communication Set and Spare Cylinder quoted in the pdf format BoQ.</p>
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- Note: - (a) Remaining terms and conditions of the TE will remain unchanged.
- (b) Any changes/modifications in this Tender enquiry will be intimated through CPP portal <https://eprocure.gov.in/eprocure/app> as well as our websites www.ndrf.gov.in such, the tenderers are requested to visit our websites regularly.

No. 1-17018/Proc./1315-(A)/HQ-NDRF/2018/7640

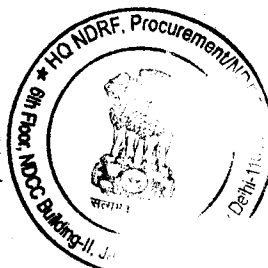
Dated, the 10 October, 2018



(J.K.S. Rawat)

Dy. Inspector General (Prov.)


For and on Behalf of President of India



SCHEDULE OF REQUIREMENTS - II**LIST OF CONSIGNEES****NAME & ADDRESS OF CONSIGNEE AND QUANTITY**

SN	ADDRESS OF CONSIGNEE	STORES
01	The Commandant 01 Bn NDRF, Patgaon, Po-Azara, Guwahati (Assam), Distt- Kamrup, Pin-781017 R/Stn- Guwahati	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
02	The Commandant 02 Bn NDRF, Haringhata Near RRT Post Office Mohanpur Distt – Nadia West Bengal Pin 741246	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
03	The Commandant 03 Bn NDRF, Mundali, Post : Mundali, Distt-Cuttack,(Odisha) R/Stn-Cuttack	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
04	The Commandant 04 Bn NDRF, Arakkonam, Post Suraksha Campus Distt. Vellore (TN) Pin Code - 631152 R/Stn Arakkonam	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
05	The Commandant 05 Bn NDRF, Village – Sadumbare, Taluka – Maval, Distt – Pune Maharashtra R/Stn - Talegaon,	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
06	The Commandant 06 Bn NDRF, Jharod Camp Crpf, The Wagodia Distt: Vadodara (Gujarat) 351510 R/Stn- Vadodara	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
07	The Commandant 07 Bn NDRF, Post Box-81, Bibiwala Road, Distt- Bhatinda (Punjab) R/Stn : Bhatinda (Punjab)	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
08	The Commandant 08 Bn NDRF, Kamla Nehru Market, Sector-19, Ghaziabad (UP)	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
09	The Commandant 09 Bn NDRF, NH-30, Ara Road, Bihta, Patna (Bihar)	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
10	The Commandant 10 Bn NDRF, Acharya Nagarjuna University Campus, PO- Nagarjuna Nagar, Distt.: Guntur (A.P)-522510	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
11	The Commandant 11 th BN NDRF, Gautam Budh Bhawan, Maqbool Alam Road, Varansi (U.P.) - 221002	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder
12	The Commandant 12 th Bn, NDRF, Vill+Po-Doimukh, Distt- Papum Pare, State- Arunachal, Pradesh-791112	18 Nos Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines) 30 Nos. Spare Cylinder




 19/2
 (J.K.S. Rawat)
 DIG (Prov.), NDRF
 For and on behalf of the President of India

REVISED TECHNICAL SPECIFICATIONS OF PERSONAL DIVING KIT (DIVING SUIT, BREATHING APPARATUS, WEIGHT BELT, GLOVES, DIVE FINES)

1.	<u>SPECIFICATION OF BREATHING APPARATUS SET(DIVING KIT)</u> 1. ROLE: The self-contained underwater breathing apparatus (SCUBA) proposed is for carrying out under diving. 2. GENERAL: The apparatus should be rugged, lightweight suitable for carrying by a signal person. The set should have its standard and optional equipment and should comprise of following:- a) Compressed air cylinder pack b) Harness (Basic structure on which the cylinder are mounted and other accessories for donning the set are fitted) c) Face mask with breathing/demand valve d) A regulator unit e) Air supply system f) Pressure indicating gauge g) Buoyancy compensating device h) Test Kits i) Tools Kits																			
2.	<u>SPECIFICATIONS OF CYLINDER:-</u> <table border="1"> <tr> <td>01</td><td>Nominal capacity of Cylinder</td><td>8-12 liters</td></tr> <tr> <td>02</td><td>Charging pressure</td><td>200-300 bars</td></tr> <tr> <td>03</td><td>Capacity of Cylinder after charging</td><td>Not less than 2400 liters</td></tr> <tr> <td>04</td><td>Weight of Cylinder</td><td>Not more than 20 kg.</td></tr> <tr> <td>05</td><td>Weight of water</td><td>Not more than 03 Kg.</td></tr> <tr> <td>06</td><td>Cylinder makes</td><td>Alloy steel with unlimited life.</td></tr> </table> a) The set to have a wide vision, full-face mask with 3-6 straps, which will not allow water to enter inside. The straps provided should form an effective seal on to the face. b) Re-breathing of carbon dioxide enriched exhaled air must be eliminated and the breathing resistance must be as low as possible whilst the equipment must have sufficient capacity to cater for even an extremely hard work rate. c) In case the diver does not want to use the full-face mask then the breathing valve with mouthpiece should suffice for the use underwater. d) Mouth piece to have separate inhale and exhale channels so that the moisture from the driver cannot get deposited in the inlet section of the breathing valve. This avoids risk of valve freezing in open positions. e) There should be a mechanism to have a reserve air in the set and indication to that effect available. f) The set should be designed for use in temperatures range of minus 10 degree Celsius to 50 degree Celsius. g) The set should withstand sea state up to 5h/ conforming to EN250/EN1809 as applicable to be provided. h) Complete set should be provided by one OEM only.		01	Nominal capacity of Cylinder	8-12 liters	02	Charging pressure	200-300 bars	03	Capacity of Cylinder after charging	Not less than 2400 liters	04	Weight of Cylinder	Not more than 20 kg.	05	Weight of water	Not more than 03 Kg.	06	Cylinder makes	Alloy steel with unlimited life.
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3.	<u>DOCUMENTATIONS:</u> The following documents are to be provided:- a) General Arrangement drawing giving overall and all-important dimension and with sufficient details so that all standard equipment can be identified.																			



	b) Operational Manual giving details of maintenance and repair instructions. c) Test and trail report, if any along with inspection certificate. d) Complete list of one year on Board Spares to be provided. e) Complete list of five year spares to be provided. f) Documentation of full range of spare along with paper particulars. g) Undertaking of OEMs as well as bidders to supply the spares for minimum period of 5 years.
4.	PRESERVATIONS:- Firm is to furnish preservation procedure of the diving set of any.
5.	SPECIFICATIONS OF DIVING SUIT 1. The diver wet suit proposed is for use by the divers operating underwater, which can be easily seen whilst on the surface of water. 2. The basic design should be of one piece with sleeves up to the length of arm and the portion below torso up to ankle level 3. The wet suit provided should be without hood. The suit to have a cut designed to avoid under arm-seams. 4. The lower part of the suit is fully covering the legs stopping just above feet /ankle. 5. The diver should be able to don the suit very easily and feel comfortable 6. The above wet suit should be made from macro cellular neoprene with thickness of 3 mm. 7. Size of suit. a) Small b) Medium c) Large
6.	SPECIFICATIONS OF BOOT DIVER <p>The boot used in conjunction with above - mentioned wet suit should be made from double lined neoprene with non-slip sole, which reduces, wear and prevents sliding on wet or slippery surfaces. Thickness of the socks should be 5 mm.</p> <p>Size of boot diver</p> a) Small b) Medium c) Large
7.	<u>SPECIFICATION OF WEIGHT BELT, DIVE FINS, GLOVES</u> 1. WEIGHT BELT <u>ROLE</u> To attach lead weights of 1 kg (4 pieces) to a diver to adjust buoyancy during a diving operation. 2. MAIN FEATURE i) Waist belt made of polypropylene/ nylon fabric should have a quick release non-breakable buckle of plastic / fiber / non-corrosive soft metal of adjustable size of tightening. ii) Four polypropylene fabric pouches stitched/attached to the weight belt to put weights of 1 Kg (04 pieces) inside. The pouch opening independently on top to have button mechanism/Velcro. iii) The belt should be of adjustable 30" - 45" range in length, 3 mm thick and 2" broad (approx.). iv) Colour: Black v) Weight – 1 kg lead each (4 pieces) per set.
8.	<u>SPECIFICATION OF FINS SWIM (DIVE FINS)</u> ROLE:- Assist Diver in hands free swimming on surface and underwater. These fins are for use during long distance/ against current. 2. MAIN FEATURES i) Description - Colour black. Length not less than 17", Width not less than 4" (top) and 8.8"



	<p>(Bottom). Dimension tolerance \pm</p> <p>ii) Material - Thermoplastic rubber/ Natural rubber. Should not skid even on a wet metal deck.</p> <p>iii) Hydrodynamic shape - The shape of the fin to facilitate:-</p> <p>a) Max propulsion whilst swimming in water using flutter and frog kick.</p> <p>b) Suitable for swimming for long duration without causing undue fatigue.</p> <p>iv) Shoe Pocket - Pocket should be 7" - 8" deep with an adjustable back strap (not less than 1.5 inch in width). Inner part should be made of soft rubber for use with bare feet. One additional back strap should be supplied with the fins.</p> <p>v) Buoyancy - Approximately 10% negatively buoyant</p>
9.	<p><u>SPECIFICATION OF GLOVES (DIVING KIT)</u></p> <p><u>GLOVES</u></p> <p>i) Gloves should be made of neoprene</p> <p>ii) The Palm of the Gloves should be made of anti-slippery polyurethane.</p> <p>iii) The thickness should be not less than 3 mm</p> <p>iv) Gloves should be suitable at a depth of not less than 50Mtrs</p>
10.	<p><u>SPECIFICATION OF UNDER WATER COMN SET (WITH WIRED)</u></p> <p>i) ROLE: The equipment should establish and maintain voice communication between the Divers under water and the Attendant/ Supervisor of the surface during a diving operation to a depth of 50 meters.</p> <p>ii) ESSENTIAL PARAMETERS:</p> <p>a) Should be able to maintain continuous voice communication between surface team and the divers under water to a depth of 50 mtrs with 02 channels.</p> <p>b) Should be rugged.</p> <p>c) Have mechanism to prevent water from entering the system</p> <p>d) The supervisor set should permit hands free use on the diving site.</p> <p>e) Length of the umbilical provided should be 50 meters with strength min 1500 N</p> <p>iii) GENERAL PARAMETERS:</p> <p>a) The battery life should be minimum 8 hour.</p> <p>b) Type of components/ connectors used should not be of fragile material and compatible with each other with quick removal system.</p> <p>c) Communication set should operate minus 10 to 50 degree centigrade.</p> <p>iv) WATER RESISTANCE MATERIAL: The panel and other exposed parts should be of water resistant material and incorporate water proof switches that avoid the ingress of water.</p> <p>v) CLARITY OF SPEECH: High fidelity of the speech should be there in between surface attendant and under water diver.</p> <p>vi) PRINCIPAL COMPONENTS OF EQUIPMENT: The Diver Under water communication system (DUCS) should consist of under mentioned components:-</p> <p>a) Diver unit with bone conductor and speaker with attachment to the diving set mask – 02 Nos. per set</p> <p>b) Communication cable of 50 mtrs length with connectors – 02 Nos per set.</p> <p>c) Surface unit with speaker, amplifiers and headphone – 01 No. per set</p> <p>d) Rechargeable cells/batteries for divers unit and surface units – 01 No. per set</p> <p>e) Charger for the batteries – 01 No. per set</p> <p>f) Carrying case – 01 No. per set</p> <p>g) Repair kit/Tools Kit – 01 No. per set</p> <p>h) Operational and technical manual – 01 No. per set</p>



STANDARD FORMATS-III
PROFORMA FOR PRICE BID
(TO BE FILLED BY THE BIDDERS)

NB :- (i) Tender Inviting Authority : DG NDRF

(ii) Name of work : Procurement of **Personal Diving Kit & Spare Cylinder**

(iii) Contract No. : 1-17018/1315-(A)/HQ-NDRF/2018/5693

(iv) **Tenders are requested to read the instructions given at the bottom of Price Bid Proforma carefully before filing the same.**

S/No.	Item Description	Item Code/ Make	Quantity	Units	Basic Rate for one unit in figures to be entered by the Bidder (in INR)	GST for one unit (in INR)	Any other Charges for one unit (in INR)	Total Amount without taxes (column 4 x 6)	Total Amount with taxes [column 4 x (6+7+8)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	Personal Diving Kit (Diving Suit, Breathing Apparatus, Weight Belt, Gloves, Dive Fines)	Item1	216	Nos.					
2	Underwater Communication Set (Hard Wired)	Item2	108	Nos.					
3	Spare Cylinder	Item3	360	Nos.					
Total in figures									
Total Rate in Words									

Note:- Tenderers are requested to read the instructions given below the Price Bid Proforma carefully before filling the same:-

- The complete commercial quote should be in one currency only i.e INR.
- Tenderers are required to indicate Basic Rate, GST and any other leviable taxes/ Charges separately in the relevant columns of the proforma. Any taxes/ duties / charges reflected outside the Proforma will not be accepted.
- Entry tax / Octroi /Toll tax and other Statutory Taxes will be applicable at actuals, if admissible.
- Tenderer will attach justification of price quoted. This also includes the recently executed contracts of the store in question with Govt./ Semi Govt. organization etc.
- Firm will provide consumable & spares free of cost during demonstration and training.
- No column should be left blank. Wherever amount is not quoted, the column should be clearly marked as Nil. ("Nil")
- L1 will be decided on the basis of combo price including all taxes & duties.**

