

# **CENTRAL ORDNANCE DEPOT - KARACHI**

## **MOST IMED**

Central Ordnance Depot  
Karachi - 15

Tel: Mil - 021-34570010  
1002/KRD- 4/24-25/ /LP

**2 Feb 2025**

To: PPRA Islamabad

Subject: **Amendment in Tender Inquiry no.1002/KRD-4/2024-25/LP dated 17 Jan 2025**

1. Please add **Annexure 'B' & 'C'** to our tender inquiry no.**1002/KRD-4/2024-25/LP** dated **17 Jan 2025** having **PPRA code no.TS555228E dated 20 Jan 2025** which will be opened on **06 Feb 2025**.
2. Forwarded for information and publication at PPRA's website immediately, please.

Maj  
LPO  
(Rukhsana Zenab)

**TENDER ORDNANCE STORE**

<b>Ser</b>	<b>Nomenclature</b>	<b>A/U</b>	<b>Rate</b>
1.	Sign Boards 4'x8' (Best Quality)	Nos	
2.	Pole for Sign Boards 16' (Best Quality)	Nos	
3.	Sign Boards 2'x2' (Best Quality)	Nos	
4.	Pole for Sign Boards 10' (Best Quality)	Nos	
5.	Reflective Sheet for Ni Sign Bd (Best Quality)	Sqft	
6.	Rechargeable Torches High Beam (Best Quality)	Nos	
7.	Batons Rechargeable (Best Quality)	Nos	
8.	Delineators (Best Quality)	Nos	
9.	Reflective Vests (Best Quality)	Nos	
10.	Whistles (Best Quality)	Nos	
11.	LMR Set (Hytra) or equivalent	Nos	
12.	LED Based Ni Sign Boards (Best Quality)	Nos	
13.	LED Based Ni Sign Boards (Best Quality)	Nos	
14.	Digital Data Logger (DDL) Model no. ST-172 Standard Instrument Temp Humidity Data Logger (China) or equivalent	Nos	

**TENDER ORDNANCE STORE**

<b>Ser</b>	<b>Nomenclature</b>	<b>A/U</b>
1.	Batting Gloves	Prs
2.	Ink Blue & Black for Board Marker	Nos
3.	Chest Guard	Nos
4.	Colour Pencil	Pkt
5.	Cricket Ball (Hard Ball, Grey Nicolls) or equivalent	Nos
6.	Cricket Bat for Hard Ball	Nos
7.	Cricket Helmet	Nos
8.	Cricket Kit Bag Large Size	Nos
9.	Cricket Pad	Prs
10.	Elbow Pad	Nos
11.	Hard Chart	Nos
12.	Keeping Gloves	Prs
13.	Keeping Gloves Inner	Prs
14.	Keeping Pad	Prs
15.	Milk Pot	Nos
16.	Note Book (Single Line Small Size)	Nos
17.	Note Book (Single Line Large Size)	Nos
18.	Safety Guard	Nos
19.	Stripes (Modified) for Steel Helmet	Nos
20.	Table Tennis Ball	Nos
21.	Thai Pad	Nos
22.	Tripod Stand for DSLR Camera D-5600	Nos
23.	White Board 6' x 4'	Nos
24.	Wickets Hard Ball	Prs
25.	Wiper Hand	Nos
26.	Handheld Mine Detector (dual sensor with active metal detection and ground penetrating radar)	Nos
27.	Veh Mounted Elec Countermeasure (jammer) against remotely activated improvised explosion devices	Nos
28.	Protective apron/ trousers	Nos
29.	Protective helmet and visor	Nos
30.	Protective Shoes	Nos
31.	Protective vest/ Jacket	Nos
32.	Reinforced Gloves (pair)	Nos
33.	EOD Disrupter	Nos
34.	EOD Operator Toolkit	Nos
35.	Expl Storage/ detonator Box	Nos
36.	Firing Cable (300 m)	Nos
37.	Firing Sys to Initiate Disruptors/ Charges	Nos
38.	Hook and line toolkit for EOD	Nos
39.	Improvised Expl Device/ Post Blast Investigation Kit	Nos
40.	Collapsible Ladder	Nos
41.	EOD Suit – Hy (min v50 rating of 1,600 for the chest and groin)	Nos
42.	EOD Suit – Lt (min v50 rating of 1,000 for the chest and groin)	Nos
43.	Man Potable High Power ECM (cell/gps/jammer)	Nos

<b>Ser</b>	<b>Nomenclature</b>	<b>A/U</b>
44.	Metal Detectors	Nos
45.	Mine Detector (capable to measure shape or explosive content in addition to metal content)	Nos
46.	Portable X-Ray sys for EOD	Nos
47.	Remote Con Bomb Disposal Eqpt	Nos
48.	Expl Vapour Detector / Expl Sensor	Nos
49.	Bomb Blanket	Nos
50.	Bomb Basket	Nos



# HBL

ISLAMIC BANKING  
اسلامک بینکنگ

## Deposit Slip Customer Copy

Branch:								Date:	D	D	M	M	Y	Y	Y	Y								
Account Title	اکاؤنٹ ہولڈر کا نام							PPRA (public procurement Regulatory Authority)																
IBAN:	P	K	1	7	H	A	B	B	0	0	0	4	5	4	0	0	1	3	1	0	0	7	0	1
Currency:	<input type="checkbox"/> PKR <input type="checkbox"/> USD <input type="checkbox"/> EURO <input type="checkbox"/> GBP <input type="checkbox"/> JPY <input type="checkbox"/> Others														Account Type:		<input type="checkbox"/> Current <input type="checkbox"/> Savings							
Credit Card No.																								
<input checked="" type="checkbox"/> CASH نقد																								
BANK / BRANCH																CHEQUE/INSTRUMENT NO. چیک نمبر			AMOUNT رقم	15000/-				
															TOTAL AMOUNT	کل رقم		Rs-15000/-						
Total Amount in Words:	Fifteen thousand only																							
Depositor's Name	M. Aftab															Online Cash Deposit								
Contact No.	0322-2292901															Branch: 5436-Rashid Minhas Road								
Depositor's CNIC No.	42201-2240135-7															Account: PUBLIC PROCUREM Date' 2025-01-25								
Depositor's Account No.																IBAN PK17HABB0004540013100701								
															Amount *****15,000.00 PKR									
															Charges *****719.00									
															Teller CR90 21 Time 13.38.20 31.0000									
Received By:	وصول کنندہ															Depositor's Signature								
20344385															(As per Terms & Conditions on reverse) (Not official unless validated)									



# **CENTRAL ORDNANCE DEPOT - KARACHI**

Central Ordnance Depot  
Karachi - 15  
Tel : Mil 021-34570010  
1002/KRD-04/24-25/ LP  
17 Jan 2025

To: The Assistant Director IT, PPRA  
1<sup>st</sup> Floor, FBC Building, Near State Bank of Pakistan  
Sector G 5/2 Islamabad  
**(Attention Mr. Rizwan Mehmood)**

Subject: **Tender No. KRD- 04 Items - FY 2024-25**

1. Date and time of closing of tender is **06 Feb 2025 up to 1030 hours**.
2. Date and time of opening of tender is **06 Feb 2025 at 1100 hours** at the premises of Central Ordnance Depot Karachi.
3. Rates are invited for supply of items mentioned at **Anx 'A' To 'B'** to this tender inquiry.

4. **TERMS AND CONDITIONS GOVERNING BIDDING / PURCHASES AND GENERAL INSTRUCTION FOR BIDDERS:** - Following are the terms/conditions and general instructions for bidders: -

- a. The purchase can be waived off any of the condition (s) stipulated in this Tender Inquiry and reserves the right to accept or reject there to.
- b. Bidders should note that decision of Commandant Central Ordnance Depot Karachi will be final and binding in respect of acceptance / rejection of the offer (s).
- c. All supplies will be subject to tests and inspection (s) either by a Board of Officers constituted for the purpose or by ASID / IAS&C or user acceptance. Any cost incurred on tests / inspection (s) and store (s) consumed in the same will be borne by suppliers(s).
- d. Successful bidders will have to complete the supplies within stipulated period as specified in the purchase order(s), failing which appropriate penalty as decided by Commandant Central Ordnance Depot Karachi / Commanding Officer(s) of Ordnance Units(s) will be imposed along with, necessary / appropriate disciplinary action.
- e. During warranty period (if store(s) supplied is/are backed by warranty) if a fault (s) occurs in supplied store (s) then supplier will be responsible to either rectify the fault(s) communicated or get the faulty part(s) replaced within 7 (seven) days of receipt of information in this regard from the purchaser at his specified place(s) which can be other than the place of delivery of store (s). In case supplier fails to rectify the fault(s) or replace the faulty part(s) in a specified time then purchaser will have the right to take disciplinary action against the supplier and also impose penalty if considered necessary / appropriate.
- f. During warranty period, it will be the responsibility of the supplier to carry out periodic maintenance of supplied store (s) as prescribed by the manufacturers free of cost at purchaser's specified place (s) which can be other than the place of delivery of store(s)
- g. **Store offered would be brand new, unused, as per Army's approved specifications, drawing, sample(s) where applicable and must be packed in standard packing i.e. wooden box, carton, cardboard box, crate etc.**
- h. In case an item has no specifications, drawing or approved sample by Army then a Board of Officers appointed for the purpose will decide its acceptable standard(s)
- i. Make / Model / Brand and Country of Origin of store(s) must be mentioned where applicable.

- j. Price / Rate(s) will be quoted for store(s) as per Army's Specification(s), drawing (s) and approved sample(s) where applicable.
- k. Price(s) / Rate(s) will be quoted on delivery basis at COD Karachi.
- l. Price(s) / Rate(s) quoted must be inclusive of all applicable taxes / duties.
- m. Price(s) / Rate(s) quoted must be net per accounting unit.
- n. Price/Rate (s) will be quoted in Pakistani Currency.
- o. Price(s) / Rate(s) quoted will be valid till **30 Jun 2025** from date of opening of tender(s).
- p. Bid Security / performance guarantee may be asked, if required.
- q. Part delivery / Part payment will not be accepted / made.
- r. Payment will be made after acceptance of ordered store(s).
- s. Price reduction (PR) will also be imposed due to deviation in case the item (s) are not as per Army specs
- t. Successful bidder(s) will have to supply store(s) as per price(s) / rate(s) quoted for six months from date of opening of tender's or else appropriate disciplinary action will be taken against them.
- u. Sample(s) test/inspection for acceptance of store(s) to be supplied against purchase order(s) will not be taken as test / inspection processes will only commence when complete / ordered quantity(s) has been supplied.

5. **Special Instructions.**

- a. Bidders are prohibited from making changes / amendment in soft copy (CD) provided by Central Ordnance Depot with tender inquiry documents.
- b. As far as possible price(s) / rate(s) must be quoted against each item, where price(s) / rate(s) are not being quoted this should be reflected by words "Not Quoted".
- c. **List of store(s) (hard copy) will be submitted duly typed, (not hand written) signed and stamped on each paper, or else offer will be rejected.**
- d. Price(s) / Rate(s) **quoted must be typed** and not hand written on hard copy or else offer will be rejected.
- e. Hard copy (list of store(s) having quoted rates(s) will be taken as "Offer" instead of "Soft Copy" submitted with it.
- f. No change should be made in soft copy of tender inquiry provided (list of store(s) and bidders should fill price(s) / rate(s) in front of the item(s) without deleting / amending any column / row and without disturbing the serial number(s)

6. **Purchaser's Right.** Purchaser does not pledge to accept the lowest or any tender and reserves the right of accepting the whole or any part of the offer made.

7. **Delivery of Tender.** The offer is to be submitted while using **USB (soft copy in Excel Sheet)** / List of stores(s) (hard copy) issue with tender inquiry documents in one envelope.

8. **Date and Time of Receipt of Tender.** Your tender must reach this office / dropped in tender box placed at reception of Local Purchase Branch by time and date as specified in para above. This office will not accept any excuse of delay occurring in post. Tenders received after the appointed / fixed time will not be entertained. The appointed time will fall on next working day in case of closed / forced holiday.

9. **Tender Opening.** Tender will be opened half an hour after the above timing on same day (as of closing day).

10. **Validity of Offer(s).** The validity of offer(s) valid till **30 Jun 2025**.

11. **With-drawl of Offer.** If a bidder / firm withdraw(s) its offer within validity period, the competent authority (Commandant Central Ordnance Depot Karachi) may place such bidder / firm under embargo or blacklist the same.

12. **Pre-Qualification of Supplier and Contractors.** Firm will have to submit under mentioned documents along with tenders in separate envelop by mentioning

**“Pre-Qualification Documents”.**

- a. 1x copy of valid NTN Certificate.
- b. 1x copy of valid Sales Tax Certificate.
- c. 1x copy of valid Professional Sales Tax Certificate.
- d. 1x copy of CNIC of the proprietor.
- e. 1x photograph of proprietor.
- f. Original Bank Statement for last six months duly sealed / stamped by the bank.
- g. Application for registration in Central Ordnance Depot Karachi with complete profile.
- h. Incase firm is not properly registered with this installation would provide performance. Certificate from the installation where properly registered.

13. **Disqualification.** Offer(s) are liable to be rejected if: -

- a. There is any deviation from general / Special Instructions/Pre-qualification of supplier/contractors.
- b. Price(s) / Rate(s) are offer excluding / applicable duties / taxes.
- c. If price(s) / rate(s) are not quoted (where applicable) against store(s) / item(s) with Army's approved specification(s), drawing(s) / sample(s).
- d. Offers are found conditional or incomplete in any respect.
- e. Multiple price(s) / rate(s) quoted against an item.
- f. More than one offer is made / submitted in same envelope.
- g. Received later than appointed / fixed date and time.
- h. Offers containing non – initialed un-authenticated correction / over writing(s).
- i. Offers not submitted while using CD (soft copy) / List of store(s) (Hard Copy) issued with tender inquiry documents.
- j. If validity of offer is not quoted as required (as mentioned in tender inquiry) or made subject to confirmation later.
- k. Offer made through Fax / E–mail /Telex.
- l. If offer is found to be based on cartel action in connive with other sources / participants of the tender.

14. **Right's Reserved.** Commandant Central Ordnance Depot Karachi reserves the rights to accept or reject any or all offers including the lowest.

15. **Application of Official Secret Act.** All the matter connected with the inquiry and subsequent actions arising there from are within the scope of official secret Act, 1923.

**Note:** This tender inquiry is also available on PPRA website [www.PPRA.Org.Pk](http://www.PPRA.Org.Pk)

Maj  
For Comdt  
(Rukhsana Zenab)  
(021-34570010)



**TENDER ORDNANCE STORES - FY 2024-25**

**Special Instruction:-**

- a. Rate of items will be quoted along with standard packing i.e. wooden box, carton, cardboard box, crate etc.**
- b. Tech details / brochures of items must be attached with tender inquiry if any.**

<b>Ser</b>	<b>Nomenclature</b>	<b>A/U</b>	<b>Rate</b>	<b>Remarks</b>
1.	Poinjar Drilling Machine (European Made) or equivalent	Nos		Specs att appendix I to anx "A"
2.	Poinjar Drilling Machine (Refurbished, European Made) or equivalent	Nos		
3.	Poinjar Drilling Machine (China) or equivalent	Nos		
4.	Hoisting Belt 1500mm (3 Ton) for Hoist Storage and Transportation Shelf (STS) 1 x Set Tech Cen 3x Sets 3 x 8=24) 8 x Ropes / Set)	Nos		
5.	Circular Sling Frt Long 2692mm (6 Ton) for Rkt Tube Hoist (LTP)	Nos		
6.	Circular Sling Frt Short 2544mm (6 Ton) for Rkt Tube Hoist (LTP)	Nos		
7.	Circular Sling Back Long 5933mm (6 Ton) for Rkt Tube Hoist (LTP)	Nos		
8.	Circular Back Sling 5932mm (6 Ton) for Rkt Tube Hoist (LTP)	Nos		
9.	Circular Sling Adjuster 1140mm (6 Ton) for Rkt Tube Hoist (2 per LTP Hoist)	Nos		
10.	Circular Sling Transfer 1000mm (6 Ton) for Rkt Tube Hoist (1 per LTP Hoist)	Nos		
11.	Argon Purification Cartridge for Optical Emission Spectrometer (Sertronic France) or equivalent	Nos		Specs att appendix II to anx "A"
12.	Inflatable Rubber Boats without OBM	Nos		Specs att appendix III to anx "A"



## Pionjär

Petrol-driven combined drill/breakers



### Quality and experience

Atlas Copco is a leading manufacturer of high quality machinery for construction and demolition applications. Our products are sold and serviced, throughout the world by our own dedicated sales companies, in more than 60 countries, and a wide international network of experienced local distributors.

Our products range from concrete crushers and pulverisers to breakers, pick and chipping hammers, rock drills and a variety of versatile accessories.

Our business objective is simple - to enhance our customers' productivity and profitability by designing and manufacturing machinery affording high performance, mechanical reliability and minimal maintenance requirements.

We are committed to supplying equipment that is characterised by low noise and vibration levels, minimal environmental impact and maximum operator comfort and safety.

**CRD** CREIGHTON ROCK DRILL LIMITED

2222 Drew Road, Mississauga, ON L5S 1B1  
(905) 673-8200 • Fax (905) 673-8208  
[www.creightonrock.com](http://www.creightonrock.com)

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[www.creightonrock.com](http://www.creightonrock.com)

Atlas Copco

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Atlas Copco



## Power, performance, punch and portability

- Breaking, cutting and drilling capabilities
- Ideal for tie tamping, drilling, anchoring, asphalt and concrete cutting
- Petrol driven, no need for cables, power packs, hoses or compressors
- Easy to transport, use, maintain and service
- Cuts capital, running, transport and storage costs

### Powerful and reliable

When it comes to rapid medium size jobs or emergency repairs that require breaking and drilling, the Pionjär range has an enviable record of delivering low-cost high performance solutions.

### Versatile

Pionjär easily breaks up asphalt and concrete with an added bonus of being able to restore the working surface by compacting sand, rubble and stone after digging and breaking. It is also perfect for tie tamping, post driving, splitting large boulders and concrete as well as being able to dig hard or frozen soil.

### User friendly

The Pionjär is easy to transport in its protective wooden case and quick to set up on location. There is no need for cumbersome power packs, hydraulic or pneumatic hoses or electric cables. All the controls are together for easy operation. Ignition is simple with just a quick pull to the start cord. Users also appreciate the anti-vibration handles for extra comfort and its service friendly reputation due in part to its easy access to main service points.

### Economical

Pionjär delivers an hours work using only 1.5 litres of fuel. Your profit margins are also helped as Pionjär reduces capital, running, transport and storage costs.

### Two models to choose from

With economy and top of the range models, there is a Pionjär for any job and budget. Pionjär 120 offers drill/breaker combinations while the Pionjär 130 has breaker capacity only. Models are powered by a single cylinder air cooled two-stroke engine.

### Ready for action

As a standard, the Pionjär drill/breaker models are delivered in a special protective wooden case which is easy to transport. The case includes one 34 x 400 mm drill steel, and one 45 x 400 mm concrete chisel. There is also room for extra tools and accessories.







**Simple**  
Electronic ignition ensures Pionjär is always easy to start.



**Flexible**  
Soft side grip for comfort and easy manoeuvrability.



**Comfortable**  
For operator comfort Pionjär 120 AV and 130 AV has anti-vibration handles to reduce vibration.



**Versatile**  
Easy change from breaking to drilling. Switch up for breaking or down for drilling.



**Clean**  
Easy access to the air filter means dust particles can be removed in seconds.



**Robust**  
Reed valve operation lets gas/air mix into cylinder. Slight adjustment allows operation up to 5000 metres.



**Convenient**  
For easy portability Pionjär has its own protective wooden case with room for additional tools and accessories.



**Handy**  
Pionjär model has daily service tools, including a plug key for taking off the starter cover and changing the spark plug, plus a measuring can for the two-stroke oil.





### Pionjär, a powerful and economical solution

Out on location Pionjär is a reliable and versatile power tool for rapid medium size jobs. Back at the office it works hard for your profit margins, helping to cut capital, running, transport and storage costs.

### Model options at a glance

- Pionjär 120 Drill/breaker combination with soft grip handles.
- Pionjär 120 AV Drill/breaker combination with anti-vibration handles.
- Pionjär 130 Breaker with soft grip handles.
- Pionjär 130 AV Breaker with anti-vibration handles.

### Tools and accessories for extra applications

A robust power tool like Pionjär needs tough tools and accessories for different applications such as drilling, breaking, cutting and driving. Only Atlas Copco Originals ensure maximum safety and performance.



### Technical data

Pionjär model	120/120 AV	130/130 AV
<b>Dimensions and weights</b>		
Weight, kg	27.0	25.0
Impact rate, blows/min	2500	2500
Drilling capacity, mm/min (in granite, 34 mm drill)	300	-
Max drilling depth, m (in granite, 34 mm drill)	6	-
Tool shank, mm	22 x 100	22 x 120

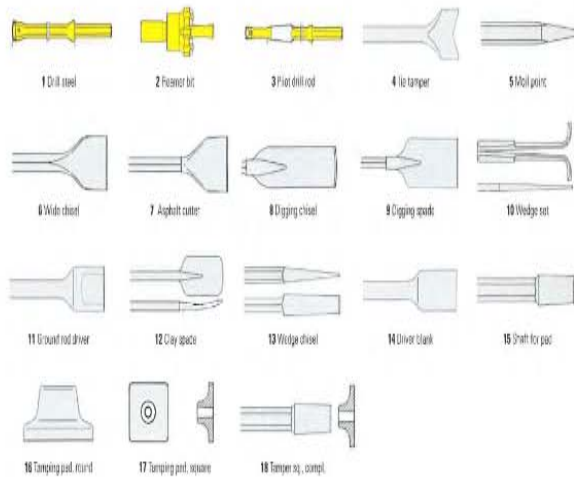
Engine	
Type	165 cc single cylinder, two stroke
Cooling system	Forced air
Starter system	Recoil starter
Recommended fuel	>80 octane unleaded or leaded
Recommended oil	Atlas Copco two-stroke oil or a recommended two-stroke oil
Fuel mix	1:12 1:12 (8%) (8%)
Fuel tank capacity, litres	1.5 1.5
Fuel consumption, l/h (average)	1.4 1.4

Article no.	
Pionjär 120	8318 0326 01 drill/breaker
Pionjär 120 AV	8318 0325 41 drill/breaker, anti-vibration handles
Pionjär 130	8318 0328 05 breaker
Pionjär 130 AV	8318 0325 34 breaker, anti-vibration handles

Specifications subject to alterations without prior notice.

### Tools and accessories

Designation	Shank mm	Working length mm	Tip width mm	Weight kg	Article no.	
1 Drill steel	22x100	1200	32	4.2	714-1232	
Drill steel	22x100	800	33	3.0	714-0833	
Drill steel	22x100	400	34	1.8	714-0434	
2 Peinger bit		76		1.2	175-5076	
3 Pilot drill rod	22x100	800	26	3.3	575-3108	
4 Tie tamper	22x100	300	50	2.5	3083 3237 00	
Tie tamper	22x100	400	50	2.7	9245 2823 30	
Tie tamper	22x100	500	50	2.9	9245 2822 40	
5 Moll point	22x100	350		1.4	3083 3228 00	
Moll point	22x100	400		1.8	3083 3231 00	
6 Wide chisel	22x100	240	45	1.2	3083 3231 00	
Wide chisel	22x100	340	45	1.4	3083 3232 00	
Wide chisel	22x100	380	75	0.9	3083 3232 00	
7 Asphalt cutter	22x100	350	125	2.5	9245 2812 90	
8 Digging chisel	22x100	280	75	2.5	3083 3233 00	
9 Digging spade	22x100	320	120	3.2	3083 3234 00	
10 Wedge set Ø 28mm				1.5	9245 2813 81	
Wedge set Ø 34mm				2.1	9245 2813 51	
11 Ground rod driver	22x100	155	42	1.2	3083 3241 00	
12 Clay spade	22x100	350	125	3.2	3083 3235 00	
13 Wedge chisel	22x100	360	35	3.6	3083 3236 00	
14 Driver blank	22x100	155	55	2.5	9245 2822 90	
15 Shaft for pad	22x100	165		1.3	3083 3238 00	
16 Tamping pad, round				175	7.5	3083 3239 10
17 Tamping pad, square				175	5.7	3083 3239 00
18 Tamper sq, compl.	22x100	163	175	5.7	3083 3240 00	





## Technical data

Pionjär model	120/120 AV	130/130 AV
<b>Dimensions and weights</b>		
Weight, kg	27.0	25.0
Impact rate, blows/min	2600	2600
Drilling capacity, mm/min (In granite, 34 mm drill)	300	—
Max drilling depth, m (In granite, 34 mm drill)	6	—
Tool shank, mm	22 x 108	22 x 108
<b>Engine</b>		
Type	185 cc single cylinder, two-stroke	
Cooling system	Forced air	
Starter system	Recoil starter	
Recommended fuel	>90 octane (unleaded or leaded)	
Recommended oil	Atlas Copco Two-Stroke oil or a recommended two-stroke oil	
Fuel mix	1:12 (8%)	1:12 (8%)
Fuel tank capacity, litres	1.5	1.5
Fuel consumption, l/h (average)	1.4	1.4
<b>Article no.</b>		
Pionjär 120	<b>8318 0326 07</b> drill/breaker	
Pionjär 120 AV	<b>8318 0335 41</b> drill/breaker, anti-vibration handles	
Pionjär 130	<b>8318 0328 05</b> breaker	
Pionjär 130 AV	<b>8318 0335 34</b> breaker, anti-vibration handles	

*Specifications subject to alterations without prior notice.*





**SPECIFICATIONS – ARGON PURIFICATION CARTRIDGE FOR OPTICAL EMISSION SPECTROMETER**

1. **General.** It is used for purification of Argon gas which provides inert media in Optical Emission Spectrometer for testing of samples.

2. **Technical Specifications**

a.	Purified Gas:	Argon
b.	Capacity:	250 Nm <sup>3</sup>
c.	Compatibility:	Optical Emission Spectrometer, Model Minilab 150 (GNR Srl Italy)
d.	Removed Impurity:	O <sub>2</sub> & H <sub>2</sub> O
e.	Impurity Outlet Level:	O <sub>2</sub> <0.1 ppm, H <sub>2</sub> O <0.4
f.	Connection Type:	¼" DB
g.	Dimensions:	dia 42, length 530 mm
h.	Weight:	1.4 Kg
i.	Filtration:	20um
j.	Maximum Pressure:	50bar
k.	Brand:	Sertronic France/EU

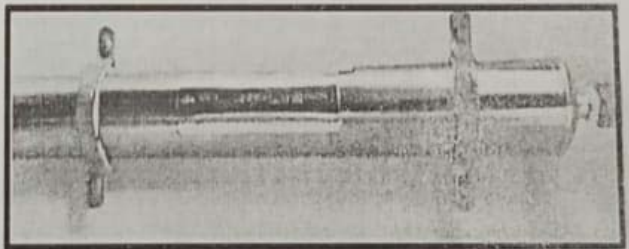
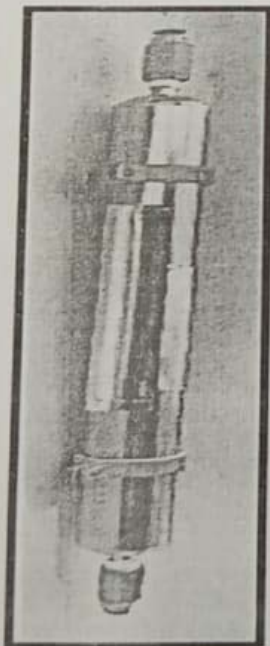
3. **Standard Accessories.** All std accessories including Vaseline oil for Liquid discharge filter.

4. **Special Instructions**

- Firm's offer will be accompanied with the foreign manufacturer proforma invoice (in original).
- The firm will provide original OEM certificate (both hard & soft copies) for dealership authentication.
- Store will be brand new ex-factory and latest model of current year's production.
- Quotee firms will ensure provision of and detail list of accessories at the time of technical scrutiny.



- e. The quotee firms will provide comparative technical data with specifications & special instructions for evaluation / scrutiny of the offered equipment.
- f. All standard accessories should be clearly defined in quotation.
- g. A set of operating instructions, maintenance manual and repair manual will be supplied with the equipment free of cost.
- h. It should be certified the firm that the store does not contain ozon depleting substances (ODS).
- i. The supplier Firm will install the part free of cost.
- j. The equipment will be supplied with all accessories, fitted for immediate operation on receipt. All accessories required for testing should be included as standard accessories and not optional accessories.
- k. Incomplete offers will not be entertained.
- l. Supplier / Firm will be responsible for following:-
- (1) Complete installation of the offered eqpt at CID Kci.
  - (2) Comprehensive trg of the CID staff.
  - (3) Provision of necessary safety equipment.





**INFLATABLE RUBBER BOAT WITHOUT OBMS**

**1. Specification**

- a. Model: UB470
- b. Length Overall :4.70 Meters
- c. Width Overall : 1.70 Meters
- d. Width Inside : 0.90 meters
- e. Tube Dia Meters : 0.50 Meters
- f. Air, Chamber : 4+1
- g. Floor : Aluminum
- h. Seating Capacity : 8-10 Persons
- i. Maximum Loading Capacity: 1050 KG
- j. Weight : 130 KG Approx
- k. Country of Origen: China

**2. Standard Accessories**

- a. Two piece aluminum oars
- b. Foot pump
- c. Carrying Bag
- d. Once piece aluminum bench seat
- e. Repairing kits (glue and material)
- f. Exterior Grab Rail
- g. Handles
- h. Floatable Rope



**Anx "B"**

**KRD ltr no. 1002/KRD-04/2024-25/LP**

**CERTIFICATE**

"Certified that the rates are reasonable and we have not quoted lower rates to any other department or organization. In case of stores found substandard or rates found higher than quoted by us to the other department/organizations, punitive action may be taken against our firm".

Signature: \_\_\_\_\_

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

Designation: \_\_\_\_\_

Firm: \_\_\_\_\_

Mob: \_\_\_\_\_

Firm' Stamp

**POSTAL ADDRESS & TELEPHONE NUMBERS**

(Changes if any will be communicated on immediate basis)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Rep: \_\_\_\_\_

CNIC No: \_\_\_\_\_

Mob: \_\_\_\_\_