



Bid Number/बोली क्रमांक (बिड संख्या):

GEM/2024/B/5586331

Dated/दिनांक : 07-12-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	06-01-2025 17:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	06-01-2025 17:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Finance
Department Name/विभाग का नाम	Department Of Economic Affairs
Organisation Name/संगठन का नाम	Security Printing And Minting Corporation Of India Limited (spmci)
Office Name/कार्यालय का नाम	Madhya Pradesh
Total Quantity/कुल मात्रा	26
Item Category/मद केटेगरी	pH Meter , Refillable Combination pH Electrode with BNC Connector , KCL Electrolyte solution for double junction electrode , pH 1.679 Technical calibration buffer 500 MI , pH 3.00 Technical Buffer 500 ml , pH 4.01 Technical Buffer 500 ml , pH 6.86 Technical Buffer 500 ml , pH 7.01 Technical Buffer 500 ml , pH 10.01 Technical Buffer 500 ml , pH 12.45 Technical Buffer 500 ml
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	pH 12.45 Technical Buffer 500 ml
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	PH buffer solution, Buffer Solutions, Phosphate Buffered Saline, Toilet Cleaner Liquid as per IS 7983, Ready Mixed Paint, Air Drying, Red Oxide - Zinc Phosphate, Priming as per IS 12744, Glass Cleaner, Liquid (V2) as per IS 8540, 2-Phenoxyethanol, Floor Cleaner (V2), Zinc Phosphide 80% Tech as per IS:1251, Medical Centrifuge
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none">• Buffer Solutions• Electrolyte Analyzer Reagents• pH Meter
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes

Bid Details/बिड विवरण	
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Single Packet Bid
Primary product category	pH Meter
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Estimated Bid Value/अनुमानित बिड मूल्य	286846
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of

quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

3. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 100% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

PH Meter (2 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Warranty	Warranty (Year)	3
CONFIGURATION	Type	Microprocessor Based
	Accuracy (pH)	+ - 0.05
	Temperature Compensation Type	Automatic
	Temperature Accuracy (Degree C)	+ - 0.3

Additional Specification Parameters - PH Meter (2 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Technical Specification	Technical Specification attached in all schedules includes item no. 1. The same will supersede.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Padmajakshan K.S.	455001,General Manager Admin Office , Bank Note Press, Dewas	2	60

Refillable Combination PH Electrode With BNC Connector (3 pieces)**Technical Specifications/तकनीकी विशिष्टियाँ**

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Padmajakshan K.S.	455001,General Manager Admin Office , Bank Note Press, Dewas	3	60

KCL Electrolyte Solution For Double Junction Electrode (4 pieces)**Technical Specifications/तकनीकी विशिष्टियाँ**

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Padmajakshan K.S.	455001,General Manager Admin Office , Bank Note Press, Dewas	4	60

PH 1.679 Technical Calibration Buffer 500 MI (2 pieces)**Technical Specifications/तकनीकी विशिष्टियाँ**

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Padmajakshan K.S.	455001,General Manager Admin Office , Bank Note Press, Dewas	2	60

PH 3.00 Technical Buffer 500 MI (2 pieces)**Technical Specifications/तकनीकी विशिष्टियाँ**

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Padmajakshan K.S.	455001,General Manager Admin Office , Bank Note Press, Dewas	2	60

PH 4.01 Technical Buffer 500 MI (3 pieces)**Technical Specifications/तकनीकी विशिष्टियाँ**

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Padmajakshan K.S.	455001,General Manager Admin Office , Bank Note Press, Dewas	3	60

PH 6.86 Technical Buffer 500 MI (2 pieces)**Technical Specifications/तकनीकी विशिष्टियाँ**

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Padmajakshan K.S.	455001,General Manager Admin Office , Bank Note Press, Dewas	2	60

PH 7.01 Technical Buffer 500 MI (3 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Padmajakshan K.S.	455001,General Manager Admin Office , Bank Note Press, Dewas	3	60

PH 10.01 Technical Buffer 500 MI (3 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Padmajakshan K.S.	455001,General Manager Admin Office , Bank Note Press, Dewas	3	60

PH 12.45 Technical Buffer 500 MI (2 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Padmajakshan K.S.	455001,General Manager Admin Office , Bank Note Press, Dewas	2	60

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

3. Scope of Supply

Scope of supply (Bid price to include all cost components) : Only supply of Goods

4. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

5. **Generic**

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

6. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

1. **The terms of payments would be as follows** : 100% payment shall be released after receipt of satisfactory report from user department and on production of all required documents by the firm at BNP Dewas. The payment will be done through RTGS only.

Paying Authority: JGM (F&A) Admin Building, Bank Note Press, Dewas - 455001

The firm has to submit bank details along with invoice mentioning

Beneficiary name:

Account Number:

IFSC code:

Address and Branch Details:

2. The participating firm has to submit sealed and signed bid document as an acceptance of all additional terms and conditions, technical specification and payment terms as mentioned in bid.
3. **LD Clause:** If the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, SPMCIL shall, without prejudice to other rights and remedies available to SPMCIL under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the ½ % percent of the delivered price of the delayed goods and/ or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10 % of the delayed goods' or services' contract price(s).
4. "GST Return: Supplier should file the GST returns for outward supplies in time. In case of any Input credit Loss to BNP by way of their failure to file GST returns in time, BNP reserves the right to withhold the payment of further supplies till production of evidence of filing of returns."
5. *"By participating in this tender, the suppliers/Vendors/Contractors are deemed to have undertaken that they shall not give or take, any financial or non-financial bribe, to or from anyone during the tender or during the execution of the contract thereafter and if they notice any such incident happening, they shall report it to Vigilance."*

6. The consumable items must be same make/brand of pH meter.

Documents Checklist:-

The participating bidder has to submit the documents as per following mentioned order:-

- 1. Latest MSE Certificate UDYAM (only if applying for MSE purchase preference)**
- 2. Sealed and Signed GeM Bid (Tender) Document.**
- 3. Sealed and Signed technical specification of the tendered product (attached in the Bid Document.)**
- 4. You are requested to submit the Undertaking/Declaration certificate that you are currently not suspended/Banned/Blacklisted by any ministry/department of govt. of India or by any state govt. for business dealing.**

Note :

- 1. Participating bidder needs to submit all related documents along with the bid.**
- 2. The size of all the documents should be less than 5 MB.**

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.

10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

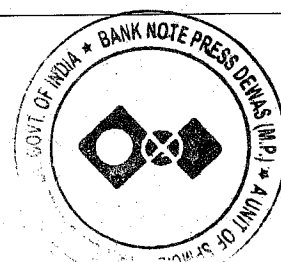
In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---

Technical specification

1. pH meter : 02 EA

pH	Range	-2.0 to 20.0 pH; -2.00 to 20.00 pH; -2.000 to 20.000 pH
	Resolution	0.1 pH; 0.01pH; 0.001pH
	Accuracy	±0.1 pH; ±0.01pH; ± 0.002pH ±1LSD
	Calibration	Automatic, upto five point calibration, customs buffers provided by supplier (e.g 1.68,3.00,4.01,6.86,7.01,9.18,10.01,12.45)
	Temperature compensation	Automatic or manual from -20.0 0 °C to 120.0 °C/ -4.0 to 248.0° F/253.15 to 393.15 K
mV	Range	±2000 mV
	Resolution	0.1 mV
	Accuracy	±0.2mV ±1LSD
	Relative mV Offset Range	±2000 mV
Temperature	Range	-20.0 0 °C to 120.0 °C; -4.0 to 248.0° F;253.15 to 393.15 K
	Resolution	0.1 °C; 0.1 °F; 0.1K
	Accuracy	±0.2 °C; ±0.4 °F; ±0.2K
ISE	Range	1×10 ⁶ to 9.99×10 ¹⁰ concentration
	Resolution	1; 0.1; 0.01; 0.001 concentration
	Accuracy	±0.5% (monovalent ions);±1% (divalent ions)
	Calibration	Automatic, up to five point calibration, all standard solution for calibration provided by firm
Additional specifications	pH electrode	Glass body pH electrode , refillable , double junction combination pH electrode with BNC connector and cable 1 m (3.3') (to be included with pH meter)
	Temperature probe	Stainless steel temperature probe with cable 1 m(3.3') (to be included with pH meter)
	Input channel (S)	2 pH/ORP/ISE
	GLP	Calibration points, calibration time stamp, probe offset, slope ,date , time and buffers/standards provided by firm in pH meter
	Logging	Record: 100,000 data point storage/Channel,100 lots with 50,000 records/lot; Interval settable between 1 second and 180 minutes max log time; type: automatic ,manual, AutoHOLD
	Display	Color graphic LCD with on Screen help, graphing and custom color configuration
	PC connection	USB and RS232
	Power supply	12VDC adapter
	Make :	Hanna ,Merck or equivalent



2. PH Electrode with BNC connector – 03 EA

Glass body pH electrode, refillable, double junction combination pH electrode with BNC connector and cable 1 meter (3.3')

3. Electrode Refil 3.5KCl electrolyte sol – 04 EA

3.5 M KCl electrolytes for double junction electrodes in 30 ml bottle

4. pH 1.679 Buffer solutions – 02 EA

pH 1.679 Buffer solutions in 500 ml bottle

5. pH 3.000 Buffer solutions - 02 EA

pH 3.000 Buffer solutions in 500 ml bottle

6. pH 4.01 Buffer solutions – 03 EA

pH 4.01 Buffer solutions in 500 ml bottle

7. pH 6.862 Buffer solutions – 02 EA

pH 6.862 Buffer solutions in 500 ml bottle

8. pH 7.010 Buffer solutions – 03 EA

pH 7.010 Buffer solutions in 500 ml bottle

9. pH 10.01 Buffer solutions – 03 EA

pH 10.01 Buffer solutions in 500 ml bottle

10. pH 12.450 Buffer solutions – 02 EA

pH 12.450 Buffer solutions in 500 ml bottle

