

Tender floated on GeM.



Bid Number: GEM/2022/B/2088864
Dated: 21-04-2022

Bid Document

Bid Details	
Bid End Date/Time	21-05-2022 15:00:00
Bid Opening Date/Time	21-05-2022 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Finance
Department Name	Department Of Economic Affairs
Organisation Name	Security Printing And Minting Corporation Of India Limited (spmcll)
Office Name	Janpath
Total Quantity	40
Item Category	VHF HAND-HELD RADIOS. , Wireless Base Unit , service charges
BOQ Title	BOQ WALKIE TALKIE
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (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
Bid to RA enabled	No
Primary product category	service charges
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Advisory Bank	Indusind bank
EMD Percentage(%)	2.00
EMD Amount	14940

ePBG Detail

Advisory Bank	Indusind bank
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	16

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

NARMADAPURAM
SECURITY PAPER MILL, NARMADAPURAM
(Security Paper Mill)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	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". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. 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". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. 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. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

5. 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.

VHF HAND-HELD RADIOS. (36 pieces)

(Minimum 50% and N/A Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Amit Yadav	461005, Security Paper Mill , Hoshangabad , Madhya Pradesh	36	45

Wireless Base Unit (3 pieces)

(Minimum 50% and N/A Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

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Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Amit Yadav	461005,Security Paper Mill ,Hoshangabad , Madhya Pradesh	3	45

Service Charges (1 pieces)

(Minimum 50% and N/A Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Amit Yadav	461005,Security Paper Mill ,Hoshangabad , Madhya Pradesh	1	45

Buyer Added Bid Specific Terms and Conditions

1. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of SECURITY PAPER MILL payable at NARMADAPURAM.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

2. Forms of EMD and PBG

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Name of the Buyer). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

3. 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.

4. 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 %.

5. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

a) Supply ,Installation trial and testing of VHF hand held radio and base station on turn key basis.

1)Successful Vendor should scrap existing Radio & amend the existing Licence.

2)OEM test Report shall be submitted at the time of Supply.

3)OEM authorization shall be submitted with BID.

b).**F.O.R-** Security Paper Mill, Narmadapuram (M.P.) basis duly unloading.

c)The terms and conditions, guidelines of SPMCIL Procurement Manual Version 2.0 will be applicable to this bid at any stage to avoid any conflict at later stage. Kindly refer General Instructions to Tenderer(GIT) and General Conditions of Contract (GCC) of SPMCIL Procurement Manual Version 2.0 for Additional terms and conditions as per the links given below:

GIT: <https://spmCIL.com/uploaddocument/GIT/new.pdf>

GCC: <https://spmCIL.com/uploaddocument/GCC/new.pdf>

d). SPM (as Buyer) is liable to deduct TDS u/s 194Q @ applicable rate on goods purchases (if applicable). In case of deduction of TDS under section 194Q; the Supplier (Vendor) need not to charge TCS u/s 206C (1H) on invoicing on or after 01.07.2021.

e). Vendor has to submit declaration in specified format for the compliance of Section 206AB of Income Tax Act, 1961. In case of non-submission of declaration; TDS will be deducted at higher rates (as applicable) as per section 206AB.

f). GST Return: Supplier should file the GST returns for outward supplies in time. In case of any Input Credit Loss to SPM by way of their failure to files GST Returns in time, SPM reserves the right to withhold

the payment of further supplies till production of evidence of filling of Returns.

g). 100% Payment on receipt and suitability of material on production of all required documents by supplier and certify by the user department through NEFT/RTGS only.

6. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

7. Warranty

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

8. 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.

9. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of SECURITY PAPER MILL payable at NARMADAPURAM. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

10. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of SECURITY PAPER MILL, NARMADAPURAM A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

11. Generic

Upload Manufacturer authorization: Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. 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 specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand

names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. 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.

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.

---Thank You---

1.VHF HAND-HELD, SYNTHESISED TRANS./RADIO

Specification of Digital Non display Handheld Radio:-

Frequency Range:- VHF band of 136 – 174 MHz
Channel Capacity:- 32 minimum
Power Supply:- 7.5 V (Nominal) \pm 20%
Battery Type:- Rechargeable,
Capacity: minimum 2200mAH
Chemistry: Li-ion
FCC Description :- ABZ99FT3092
IC Description:- 109AB-99FT3092
Average battery life at 5/5/90 duty cycle with carrier squelch and transmitter in high power:- Analog: 14.5 hrs /
Digital:- 18.5 hrs
Channel Spacing:- 12.5/25kHz
Frequency Stability (-30°C, +60°C, +25°C Ref):- \pm .5 ppm
Analog Sensitivity:- (12dB SINAD) 0.3uV (0.22uV typical)
Digital Sensitivity: - 0.25 uV (0.19 uV typical)
Intermodulation (TIA603D):- -70 dB
Adjacent Channel Selectivity (TIA603D):- 45dB @ 12.5 kHz / 70dB @ 25 kHz
Spurious Rejection (TIA603D):- -70 dB
Rated Audio Output:- 0.5W
Audio Distortion @ Rated Audio:- 5% (3% typical)
Hum and Noise:- -40dB @ 12.5 kHz / -45dB @ 25 kHz
Audio Response:- TIA603D
Conducted Spurious Emission (TIA603D) :- -57dBm
RF Power Output: - 1W(Low Power) / 5W (high Power)
Audio Distortion:- less than 3%
Modulation Limiting:- \pm 2.5kHz @ 12.5 kHz / \pm 4.0kHz @ 25 kHz
FM Hum and Noise:- -40dB @ 12.5 kHz / -45dB @ 25 kHz
Conducted/Radiated Emission:- -36 dBm < 1GHz / -30 dBm > 1GHz
Adjacent Channel Power:- 60dB @ 12.5 kHz / 70dB @ 25 kHz³
Digital Vocoder Type:- AMBE+2™
Digital Protocol:- STA ETSI TS 102 361-1, -2, -3Y
MIL Standard:- 810C, 810D, 810E, 810F, 810G
Operating Temperature -30°C / +60°C for Radio, -10°C / +60°C for Battery
Storage Temperature -40°C / +85°C for Radio, -10°C / +85°C for Battery
Thermal Shock Per MIL-STD
Humidity Per MIL-STD
ESD IEC 61000-4-2 Level 3
Dust and Water Intrusion IEC60529 - IP54
Packaging Test MIL-STD 810D and E
Radio should have following features :-
Analog / Digital Voice Communications
Dual Capacity Direct Mode
Digital Mobile Radio (DMR) Standards Compliant
Narrowbanding Compliant
Single Extended Range Direct Mode
Restricted Access To System
Lone Worker
Priority / Non Priority Scan
Remote Monitor
Radio inhibit (decode only)
Transmit Radio ID
MDC / Quick Call II Signaling Systems
Voice Announcement for Channel number, Battery Capacity, High/Low Power

Make :- No other make except Motorola, Kenwood, ICOM shall be considered.

2. Wireless Base Unit

VHF Control /Base Station:

- 1) Digital TDMAVHF Base Radio operating in 136-174MHz frequency Band having 160 channel capacity, 25 W RF power with Fist Microphone, Mounting Bracket, Battery Cable with Fuse
- 2) 12V, 10Amp Power Supply with Battery Revert
- 3) 30 meters RG213 RF Cable.
- 4) 0 dB GP VHF Antenna
- 5) Installation & Commissioning of Complete Control /Base station on Existing Mast.

Specification of Digital Control /Base Station

GENERAL SPECIFICATIONS:-

Frequency Range: VHF band of 136 – 174 MHz
Channel Capacity: 160 minimum
Power Supply: 12 V DC (Nominal) \pm 10%
Radio Dimensions (H x W x D): 44 x 169 x 134 mm
Weight: 1.3Kg
Current Drain
Standby: 0.81 A max
Rx @ Rated: 2 A max
Transmit: 1-25 W: 11.0 A max
FCC Description ABZ99FT3090
IC Description 109AB-99FT3090

RECEIVER:-

Channel Spacing: 12.5/25kHz
Frequency Stability (-30°C, +60°C, +25°C Ref): \pm .5 ppm
Analog Sensitivity: (12dB SINAD) 0.3uV (0.22uV typical)
Digital Sensitivity (5% BER): 0.25 uV (0.19 uV typical)
Intermodulation (TIA603D): 75 dB
Adjacent Channel Selectivity (TIA603D): 50dB @ 12.5 kHz / 75dB @ 25 kHz
Spurious Rejection (TIA603D): 75 dB
Rated Audio Output: 4W Internal
Audio Distortion @ Rated Audio: 3% typical
Hum and Noise: -40dB @ 12.5 kHz / -45dB @ 25 kHz
Audio Response: TIA603D
Conducted Spurious Emission (TIA603D) : -57dBm

TRANSMITTER:-

RF Power Output: 1-25 W
Audio Distortion: 3%
Modulation Limiting: \pm 2.5kHz @ 12.5 kHz / \pm 5.0kHz @ 25 kHz
FM Hum and Noise: -40dB @ 12.5 kHz / -45dB @ 25 kHz
Conducted/Radiated Emission: -36 dBm < 1GHz / -30 dBm > 1GHz
Adjacent Channel Power: 60dB @ 12.5 kHz / 70dB @ 25 kHz³
FM Modulation 12.5 kHz: 11K0F3E
25 kHz: 16K0F3E
4FSK Digital Modulation 12.5 kHz Data: 7K60F1D and 7K60FXD
12.5 kHz Voice: 7K60F1E and 7K60FXE
Combination of 12.5 kHz Voice and Data: 7K60F1W
Digital Vocoder Type: AMBE+2™
Digital Protocol: STA ETSI TS 102 361-1, -2, -3Y

ENVIRONMENTAL SPECIFICATIONS:-

MIL Standard: 810C, 810D, 810E, 810F, 810G
Operating Temperature -30°C / +60°C
Storage Temperature -40°C / +85°C
Thermal Shock Per MIL-STD

Humidity Per MIL-STD
ESD IEC 61000-4-2 Level 3
Dust and Water Intrusion IP54
Packaging Test Per MIL-STD
Radio should have following features :
Analog / Digital Voice Communications
Dual Capacity Direct Mode
Canned Text Message
Digital Mobile Radio (DMR) Standards Compliant
Alphanumeric Display
Narrowbanding Compliant
Single Extended Range Direct Mode
Restricted Access To System
Radio inhibit (decode only)
Transmit Radio ID
Priority / Non Priority Scan
Remote Monitor
Lone Worker
MDC / Quick Call II / Digital Emergency Signaling Systems
Voice Announcement for Channel number, High/Low Power

3. service charges

- Supply ,Installation trial and testing of VHF hand held radio and base station on turn key basis.
- 1)Successful Vendor should scrap exsiting Radio & amend the existing Licence.
 - 2)OEM test Report shall be submitted at the time of Supply.
 - 3)OEM authorization shall be submitted with BID.

(To be submitted on the Letter Head)

**DECLARATION
(Refer GIT Clause No.3.5)**

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I certify that M/s..... (Firm's name) is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that M/s..... (Firm's name) fulfils at requirements in this regard and is eligible to be considered." (Where applicable, evidence of valid registration by the competent Authority shall be attached)"

I, the undersigned, declare that the item originates in..... (Name of the country).

Signature.....

Name.....

Designation.....

Date.....

Stamp of the Organization.....

Declaration for Section 206AB of TDS under income tax Act, 1961

(to be submitted on Letter Head)

Vendor Code: _____

M/s _____

PAN _____

GSTIN _____

I/We _____ <Legal Name and complete address > _____

PAN: _____ <PAN no.> _____, TAN: _____ <TAN

no.> _____, referring to the provisions of 206AB of the IT Act, 1961, hereby

declare the following:-

Financial Year	Aggregate TDS & TCS credit in our name was Rs. 50,000 or more ("Yes / No")	Income Tax Return ("ITR") Filed ("Yes/No")	E-filing Acknowledgment Number (15 digit - numeric) (Attach copy of acknowledgments)	Date of Filing of Return of Income u/s 139(1) (DD/MM/YY YY)	Linked PAN with Aadhaar number or will link it before 30 Jun 2021 (or any further date as may be notified by CBDT ("Yes / No"))
2018-19					
2019-20					

We do hereby declare that to the best of my /our knowledge and belief what is stated above is correct, complete and is truly stated. In case there is a tax liability, interest or penal consequences which are levied on SPM on account of the false representation/ declaration, I/we undertake to fully indemnify SPM for the same.

FOR _____

Authorized Signatory

Date:

Note: In case the vendor failed to comply with the above provisions, TDS shall be deducted at the higher of the following rates, namely: -

- (i) at twice the rate specified in the relevant provision of the Act; or
- (ii) at twice the rate or rates in force; or
- (iii) at the rate of five per cent (5%).

(To be submitted on the Letter Head)

DECLARATION

We do hereby declare that,

1. We have not been blacklisted /debarred by BNPMIPL /BRBNMPL /SPMCIL or any Govt. Departments for participation in tenders. The information provided above is correct and true to the best of my knowledge and belief.
2. We do hereby declare that we have read and understood all terms and conditions of tender document including GIT, SIT, GCC, SCC, Technical Specification, Quality Control Criteria and confirm to abide to those conditions without any counter conditions.
3. We are accepting all the terms and conditions of the tender document without any deviation and withdraw all deviations if any.
4. We declare that if we withdraw or modify our bids during period of validity of tender etc. than we will be suspended for the period of 03 years from the date of opening of tender.

Signature.....

Name.....

Designation.....

Date.....

Stamp of the Organization.....