
Section III - Evaluation and Qualification Criteria

This Section contains the criteria that the Purchaser shall use to evaluate Bids and qualify the Bidders. No other factors, methods or criteria shall be used other than specified in this bidding document.

TECHNICAL PART

1. Qualification

Qualification Criteria (ITB 32.1)

The qualification criteria below are provided for purpose of indication against the corresponding indicative contracts/items. Subject to feedback received through the Early Market Engagement (EME) survey, similar items may be consolidated into lots comprising related items, and the applicable qualification criteria will apply accordingly. Relevant qualification criteria that is applicable for respective lots will be rearranged at the bidding stage.

The Purchaser shall assess each Bid against the following Qualification Criteria. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

- (a) **Financial Capability:** The Bidder shall submit audited financial statements or, if not required by the law of the Bidder's country, other financial statements acceptable to the Purchaser, for the last three years (2023-2024-2025) prior to bid submission deadline, demonstrating the current soundness of the Bidder's financial position **and indicate its prospective long-term profitability**. For a joint venture, this requirement shall be met by each member;
- (b) **Specific Experience:** The Bidder shall demonstrate that it has successfully completed at least two contracts of a similar nature and complexity to the Goods and Related Services under the proposed contract/item, each meeting the minimum contract value indicated below for the respective item within the last 10 (ten) years prior to the bid submission deadline (from January 1, 2016, to the bid submission deadline). For a joint venture, this requirement may be met by all members combined.

The similar experience requirements and the nature of similar works for each item are as follows:

Items	The Similar Experience Requirement for single contract (USD)	Nature of Similar Works
Fixed Radio	1.8 million	Manufacture and/or supply of radio (handheld and/or fixed and/or mobile terminals and/or relay networks), or manufacture and/or supply and installation of radio links and/or supply and installation of land mobile systems including digital communication systems.
Mobile Radio	2.55 million	Manufacture and/or supply of radio (handheld and/or fixed and/or mobile terminals and/or relay networks), or manufacture and/or supply and installation of radio links and/or supply and installation of land mobile systems including digital communication systems.
Handheld Radio	4.5 million	Manufacture and/or supply of radio (handheld and/or fixed and/or mobile terminals and/or relay networks), or manufacture and/or supply and installation of radio links and/or supply and installation of land mobile systems including digital communication systems.
Relay	2.6 million	Manufacture and/or supply and installation of radio links and/or supply and installation of land mobile systems including relay for digital communication systems.

Duplexer	750,000	Manufacture and/or supply and installation of radio links and/or supply and installation of land mobile systems dublexer for digital communication systems.
Radio link	3.65 million	Manufacture and/or supply and installation of radio links and/or supply and installation of land mobile systems including digital communication systems.
Container	2.0 million	Manufacture and/or supply of containers
Solar Energy	1.75 million	Manufacture and/or supply of solar energy
Electrical Grounding	500 thousand	Supply and installation of electrical grounding for digital communication systems.

(c) **Documentary Evidence:** The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the usage requirements in the Critical Technical Specifications Summary Table provided in Section VII – Technical Specifications of this bidding document.

(d) **Manufacturing experience and Technical Capacity:** For the items under the Contract that the bidder is a manufacturer, the Bidder shall furnish documentary evidence to demonstrate that the manufacturer of the offered goods:

- (i) it has manufactured goods of similar nature and complexity for at least 3 (three) years prior to the bid submission deadline; and

(ii) its annual production capacity of goods of similar nature and complexity for each of the last 3 (three)(2023-2024-2025) years prior to the bid submission deadline, is at least two times of the quantities specified under the contract.

(e) **Manufacturer's authorization:** A Bidder who does not manufacture an item/s where a manufacturer authorization is required in accordance with BDS ITB 17.2 (a), the Bidder shall provide evidence of being duly authorized by a manufacturer (Manufacturer's Authorization Form, Section IV, Bidding Forms), meeting the criteria in (d) (i) and (ii) above, to supply the Goods;

(f) A Bidder who does not manufacture an item/s where a manufacturer authorization is not required in accordance with BDS ITB 17.2 (a), the bidder shall submit documentation on, its status as a supplier, to the satisfaction of the Purchaser

At the time of Contract Award, the Bidder (including each subcontractor proposed by the Bidder) shall not be subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.

2. Technical Evaluation (ITB 32.4)

Assessment of adequacy of Technical Part with the requirements

Minimum technical requirements are provided within the Critical Technical Specifications Summary Table in Section-VII, Technical Specifications of this bidding document. Those minimum requirements have to be met by the technical part prior to being considered for technical evaluation by applying the scored technical factors.

Technical Part Scoring Methodology

The rated criteria below are indicative at the Early Market Engagement (EME) stage. Subject to feedback received through the EME survey, certain items may be consolidated under lots with similar items, and the applicable rated criteria will apply to each lot accordingly.

Relevant rated criteria that is applicable for respective lots will be rearranged. During the bidding process, bids will be evaluated against the rated criteria applicable to each respective lot.

A) IP Protection Class Levels (25%)

Handheld, fixed, and mobile radios shall have a minimum IP54 protection rating.

Score (of the total score for the factor/subfactor as applicable)	Description
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1 (25%)	has IP 54 protection rating
2 (50%)	has IP 55 to IP65 protection rating
3 (75%)	has IP 66 to IP 67 protection rating
4 (100%)	has better than IP 67 protection rating

B. Battery Capacity (20%)

Batteries for handheld radios shall have a capacity of at least 1900 mAh.

Score (of the total score for the factor/subfactor as applicable)	Description
1 (25%)	1900-2199 mAh
2 (50%)	2200-2499 mAh
3 (75%)	2500 mAh and 2999 mAh
4 (100%)	3000 mAh and above

C. Minimum Receiver Sensitivity (%25)

The handheld radios shall have a receiver sensitivity of minimum 0.40 μ V for 12 dB SINAD in analog mode.

Score (of the total score for the factor/subfactor as applicable)	Description
1 (25%)	has receiver sensitivity of 0.40 μ V and 0.35 μ V in analog mode.
2 (50%)	has receiver sensitivity of 0.349 μ V and 0.3 μ V in analog mode.
3 (75%)	has receiver sensitivity of 0.299 μ V and 0.2 μ V in analog mode.
4 (100%)	has receiver sensitivity of 0.2 μ V and 0.18 μ V in analog mode.

D. Duplexer Signal Attenuation Rate (%15)

The signal attenuation rate of the bandpass part shall be at most -2 dB

Score (of the total score for the factor/subfactor as applicable)	Description
1 (25%)	-2 dB to -1.6 dB
2 (50%)	-1.5 dB to -1.1dB
3 (100%)	-1 dB and below

C. Duplexer Signal Suppression Rate (%15)

The signal suppression rate of the band stop part will be at most -80 dB

Score (of the total score for the factor/subfactor as applicable)	Description
1 (25%)	-80 dB to -84 dB
2 (50%)	-85 dB to -89 dB
3 (100%)	-90 dB and above

Score (of the total score for the factor/subfactor as applicable)	Description	Remarks
0	Required feature is absent; no relevant information to demonstrate how the requirement is met	
1	Required feature present with deficiencies such as insufficient or information that lacks clarity	
2	Sufficient information to demonstrate how the requirement will be met	
3	Sufficient information to demonstrate that the requirement will be marginally exceeded	
4	Sufficient information that significantly exceed the requirement/bid contributes to significant value addition	

The score for each sub- factor (i) within a factor (j) will be combined with the scores of sub- factors in the same factor as a weighted sum to form the Factor Technical Score using the following formula:

$$S_j \equiv \sum_{i=1}^k t_{ji} * w_{ji}$$

where:

t_{ji} = the technical score for sub- factor “i” in factor “j”,

w_{ji} = the weight of sub- factor “i” in factor “j”,

k = the number of scored sub-factors in factor “j”, and

$$\sum_{i=1}^k w_{ji} = 1$$

The Factor Technical Scores will be combined in a weighted sum to form the total Technical Bid Score using the following formula:

$$T \equiv \sum_{j=1}^n S_j * W_j$$

where:

S_j = the Factor Technical Score of factor “j”,

W_j = the weight of factor “j” as specified **in the BDS**,

n = the number of Factors, and

$$\sum_{j=1}^n W_j = 1$$

FINANCIAL PART

1. Margin of Preference (ITB 37)

Margin of Preference shall not apply.

2. Evaluation Criteria (ITB 34.6)

The Purchaser shall use the criteria and methodologies listed in this Section to evaluate the Financial Part.

The Purchaser's evaluation of the Financial Part may take into account, in addition to the Bid Price, one or more of the following factors as **specified in BDS ITB 34.6**, using the following criteria and methodologies.

- (a) Delivery schedule. (As per Incoterms specified in the BDS) Not Applicable
- (b) Deviation in payment schedule. Not Applicable
- (c) Cost of major replacement components, mandatory spare parts, and service. Not Applicable
- (d) Availability in the Purchaser's Country of spare parts and after sales services for equipment offered in the Bid. Not Applicable
- (e) Life Cycle Cost . Not Applicable
- (f) Performance and productivity of the equipment. Not Applicable
- (g) Specific additional criteria . Not Applicable

Combined Evaluation

The Purchaser will evaluate and compare the Bids that have been determined to be substantially responsive.

The Purchaser's evaluation of responsive Bids will take into account technical factors, in addition to cost factors.

An Evaluated Bid Score (B) will be calculated for each responsive Bid using the following formula (for comparison in percentages), which permits a comprehensive assessment of the Bid price and the technical merits of each Bid:

$$B \equiv \frac{C_{low}}{C} * X * 100 + \frac{T}{T_{high}} * (1 - X) * 100$$

where

C = Evaluated Bid Price

C_{low} = the lowest of all Evaluated Bid Prices among responsive Bids

T = the total Technical Score awarded to the Bid

T_{high} = the Technical Score achieved by the Bid that was scored best among all responsive Bids

X = weight for the Cost as specified in the BDS

The Bid with the best evaluated Bid Score (B) among responsive Bids shall be the Most Advantageous Bid provided the Bidder is qualified to perform the Contract.

Multiple Contracts (ITB 34.4) Not Applicable

If in accordance with **ITB 1.1**, Bids are invited for more than one lot, the contract will be awarded to the Bidder or Bidders with the Most Advantageous Bid for the individual lots.

However, if a Bidder, with Bids that are substantially responsive and with highest evaluated score for individual lots, is not qualified for the combination of the lots, then the award will be made based on the highest total score for combination of lots for which Bidders are qualified.

Alternative Bids (ITB 13.1) Not Applicable