

TENDER

for

Supply, Installation and Maintenance support of equipment for Dry Waste Material Recovery Facility (MRF) of 100 TPD capacity at Karsada for Varanasi Municipal Corporation, Varanasi, Uttar Pradesh

Tender Number: 10058078

Date: 15.10.2026

(Single Envelop Bid System)

Brief Tender Notification

Particulars	Description
Purpose of Tender	To select an experienced company/firm for Supply, Installation and Maintenance support of equipment for Dry Waste Material Recovery Facility (MRF) of 100 TPD capacity at Karsada for Varanasi Municipal Corporation, Varanasi, Uttar Pradesh.
Tender reference number	10058078
Date of tender announcement	15.10.2026
Last date to submit pre-bid queries by the interested bidders	26.10.2026
Last date to provide clarification to the queries. All the queries will be answered in the form of (Frequently asked question) FAQ and will be uploaded on the respective web portal.	29.10.2026
Last Date and time for submission of bids	13.11.2026 ; 11:59 pm
Mode of Submission	Bids to be submitted via functional email id, as per the instructions given below.
Validity of Bids/ Offered Price	90 days from the last date of submission of bids i.e. 13.11.2026 The selected supplier will not be able to vary from their financial bid until the completion of the Order, if awarded by GIZ
Address for Bid Submission	The techno-commercial bid needs to be submitted in sealed envelope on the address mentioned below – Submission of Bids. The bidder must submit documentary evidence against “Clause 3.1” along with the techno-commercial bid.
Location of Performance	Following location in Uttar Pradesh state 1. Varanasi

Tender Notice

GIZ Country Office (India) is soliciting the bids from interested manufacturers/agencies for Supply, Installation and Maintenance support of equipment for Dry Waste Material Recovery Facility (MRF) of 100 TPD capacity at Karsada for Varanasi Municipal Corporation, Varanasi, Uttar Pradesh as per the terms and condition of tender documents.

Purpose of the Bid

The purpose of bid is to select an agency for Supply, Installation and Maintenance support of equipment for Dry Waste Material Recovery Facility (MRF) of 100 TPD capacity at Karsada for Varanasi Municipal Corporation, Varanasi, Uttar Pradesh. The detailed address and locations will be shared with bidder.

Process of tender submission

The following documents are attached with the tender applications: -

1. Invitation to Tender- Scope of work and bidding conditions
2. Checklist of documents
3. Covering Letter from Bidder – Annexure “A”
4. Declaration by bidder – Annexure “B”
5. Technical Criteria – Annexure “C”
6. Bills of Material / Financial Format – Annexure “D”
7. Delivery Schedule – Annexure “E”
8. General Terms & Conditions (GTCC)
9. Legal Inferences
10. Self-declaration to determine the origin or source of the goods offered

Interested bidders are requested to carefully examine all documents and submit the entire tender proposal as instructed in above mentioned documents. Any deviation/ differentiation from the instruction will lead to disqualification of the tenderer from the bidding process.

The bid must reach to GIZ Country Office **on or before 13.11.2026 ; 11:59 pm** in the below mentioned address only:-

Covering letter must be addressed to: **Head of Procurement, GIZ Country Office, German Development Cooperation office, B5/5, Safdarjung Enclave, New Delhi-110029**

Please mark your bid -

Tender for “Supply, Installation and Maintenance support of equipment for Dry Waste Material Recovery Facility (MRF) of 100 TPD capacity at Karsada for Varanasi Municipal Corporation, Varanasi, Uttar Pradesh” – RFQ Nr. 10058078

Bids received in any other manner, ie- email ids, fax or any other email ID shall be summarily rejected.

**We also request interested bidders to frequently check the web portal for receiving any latest OR revised information pertain to the above-mentioned tender. Information may be updated such as extension of bid submission dates, F.A.Q etc.*

Timelines

a) The bidders must submit the queries on the below mentioned email id's -

<u>Description</u>	<u>Deadline</u>	<u>Email ID</u>	<u>Remarks</u>
Per-bid Queries from Bidders	26th October 2026	Please send it to: Shimpa.kalra@giz.de & swarup.mallik@giz.de Please do not send the queries on any other email ids	Please mention the subject line as - <u>“QUERIES FOR TENDER</u> Supply, Installation and Maintenance support of equipment for Dry Waste Material Recovery Facility (MRF) of 100 TPD capacity at Karsada for Varanasi Municipal Corporation, Varanasi, Uttar Pradesh – RFQ Nr. - 10058078 <i>Pre-bid queries received after the deadline or sent to any other email id, apart from the given email ids will not be considered.</i>
Clarifications given by GIZ	29th October 2026		The FAQ/Clarifications shall be uploaded on respective web portals, bidders are requested to visit the web portals frequently. <i>Individual responses to queries shall not be given.</i>

Bid Submission deadline	13 th November 2026 ; 11:59 pm	Please send the proposal only in hard copy on the address mentioned above.	Don't send the bids on any email id else the bids shall be disqualified.
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Please refrain from making any personal / telephonic / telefax contact about this tender to any personnel of GIZ India.

We look forward to receiving your offers.

SINGLE ENVELOPE BID

Under the single-envelope bidding system, the bidder shall submit one sealed outer envelope containing two separate sealed inner envelopes:-

1. **Technical & Compliance proposal – containing all required technical documents, eligibility / compliance documents, but no financial information.**
2. **Financial proposal – containing only the financial offer / price proposal.**

The financial proposal/technical specifications must be on company letter head duly signed and stamped by the authorised signatory with a covering letter, mentioning complete details/coordinates of company.

Both inner envelopes shall be clearly marked accordingly and submitted together within the single outer envelope.

TERMS OF REFERENCE

A. Background:

The 'Waste solutions for Circular Economy in India project' is supported by a joint climate action program - MAF (Mitigation Action Facility) Facility-set up by the German Federal Ministry for Economic Affairs and Climate Action (BMWK), Department for Business, Energy and Industrial Strategy (BEIS) of the United Kingdom (UK), European Union (EU) and the Children's Investment Fund Foundation (CIFF). This is a 5-year project which will operate in 5 lighthouse locations- Patna, Varanasi, State of Goa, Bengaluru & Tiruchirappalli with local and state governments as partners. GIZ will act as the NAMA Support Organization (NSO) for the project and will be responsible for the delivery of funds, services, and financial and administrative management of the project.

The project aims to initiate a sector-wide transition towards low-carbon waste management technologies in line with circular economy principles. There are two main components of the project, first, Financial Assistance (FA) which include Grant Funding Mechanism (GFM), and Risk Sharing Facility (RSF) which will assist waste processing plants through partial capital/operational funding and debt support, second, Technical Assistance (TA) component which will assist in awareness, technical advisory, and capacity building activities at the state level on low carbon solutions for waste management. The project will operate in all the mentioned cities to facilitate the implementation of these components to pilot and replicate low carbon solutions for waste management.

City Profile

Varanasi (also known as Kashi or Benares) is located in the state of Uttar Pradesh, India, on the left bank of the Ganga. Administratively, the city is governed by the Varanasi Nagar Nigam (VNN), which was established in January 1959 as Nagar Mahapalika and was upgraded to a Municipal Corporation (Nagar Nigam) in 1994. Varanasi is also the parliamentary constituency represented by the Prime Minister of India and is identified as a key Ganga town under the Namami Gange of the National Mission for Clean Ganga.

According to Census 2011, the population of Varanasi city was 11,98,491. Based on recent electoral and municipal estimates, the resident population in 2024 is estimated to be in the range of 22–27 lakh, with an additional floating population of approximately 30 lakhs due to tourism, pilgrimage, educational activities, and commercial influx.

The city covers an area of 186.67 sq. km and is administratively divided into 8 municipal zones, 21 sanitation sub-zones, and 100 municipal wards. As per Varanasi Nagar Nigam (2026), the current municipal solid waste generation is approximately 1,230 tonnes per day (TPD). The per capita waste generation is estimated at 0.55 kg/person/day, based on the JICA WACS 2022).

Context

Under the MAF - Waste Solutions for a Circular Economy in India project, GIZ is supporting Varanasi Municipal Corporation, Varanasi for implementing low-Carbon Waste management solutions through Partial Funding, Technical Assistance and enabling of the Private sector. The project is currently being implemented in the city of Varanasi and is supporting the Varanasi Municipal Corporation in strengthening its solid waste management system by enhancing, upgrading, and augmenting waste processing infrastructure. This includes the development and modernization of Refuse Derived Fuel (RDF) processing facilities and Material Recovery Facilities (MRFs) to improve waste segregation, resource recovery, and overall operational efficiency

B. Purpose of the Tender

The Varanasi Municipal Corporation has initiated the procurement of equipment for the Supply, Installation and Maintenance support of equipment for Dry Waste Material Recovery Facility (MRF) of 100 TPD capacity at Karsada for Varanasi Municipal Corporation, Varanasi, Uttar Pradesh. This procurement aims to strengthen the city's solid waste management infrastructure by establishing modern MRFs that will enhance dry waste processing capacity, improve resource recovery and recycling, and increase the overall operational efficiency of the municipal waste management system

C. Technical Specifications and Special Conditions

Detailed Scope of Work

The scope of work comprises the Supply, Installation, Operation, and Maintenance **for a period of 06 months** of Dry Waste Material Recovery Facility (MRF), with a processing capacity of 100 TPD, in Karsada, Varanasi, Uttar Pradesh. as illustrated in Specifications TABLE 1

The Contractor will carry out and complete the said work under this contract in every respect in conformity with the contract documents and with the direction of and to the satisfaction of the owner's (GIZ is referred to as Owner) and on-site representatives of the receiver group / ULB Staff. The contractor will furnish all required labour, packing material and means of transport as listed under Price submission, which are necessary and customary to be performed under this contract

Supply details:

1. The selected bidder shall make available the required equipment as specified in table 1 of the 'bill of materials and quantities' section and as per the specifications listed in table 2 of the 'technical specifications' section.

The selected bidder will be responsible for the following:

2. The responsibility of transportation / loading / unloading/ installation / transit insurance of equipment till handing over to the end-user shall be with the selected bidder.
3. The sites are located at Varanasi, Uttar Pradesh. The address of the sites for installation shall be provided by GIZ whereas the shipment of the equipment is arranged by the bidder assuring a safe transportation.
4. Shipping/installation of equipment shall be in coordination with the designated GIZ officer.
5. At the installation sites, the selected bidder shall unpack the box in presence of GIZ officials and test the equipment as per the equipment manual, and set-up the units.
6. Hands on support for running of the equipment.

7. **Pre- Installation technical support:** Under this section, the supplier shall be required to provide technical support in terms of equipment fixing requirement, if any to the designated agency. Civil design of fixing details – grouting pits, bolts fixing, and other details shall be provided by the supplier. Civil works shall be performed accordingly. Contractor shall also be required to provide total combined peak consumption load of all equipment being operated simultaneously.
8. Prior to despatch of equipment, the supplier shall invite the GIZ team to its fabrication facility for joint inspection. This inspection shall be conducted by GIZ official along with its appointed technical consultant. Subsequently, the supplier shall despatch the equipment consignment.
9. Once the equipment is despatched, the supplier shall share all details of consignment including its mode of transport, vehicle details and anticipated arrival schedule of consignment.
10. After arrival of consignment, supplier shall inform GIZ staff, who shall arrange for unloading place access for consignment loaded vehicle. Supplier shall also share name, details, and IDs of main point of contact of this team with GIZ staff.
11. Supplier shall share details of its unloading, installation and commissioning team details and schedule of related activities.
12. Prior to unloading, supplier shall ensure that power access is available for all equipment, equipment ground fixing part is ready and all required labour, tools and supporting equipment are ready.
13. Supplier shall share detailed plan for commissioning and trial runs of all equipment and share all drawings and related manuals.
14. Supplier shall be required to follow relevant IS standards, the details of which should be provided with the proposal
15. Once all equipment is installed, supplier designated staff shall invite GIZ team and ULB staff for conducting trial runs of all equipment. These trial runs will be conducted. During this, it is mandatory that all equipment is operating, and the desired output are achieved consistently with a compliance of 80% and above.
16. The designated staff of supplier shall also inspect the provided power supply line components and certify that they are adequate to meet the minimum power supply requirements for satisfactory operation of all equipment simultaneously for a minimum duration of 8 hours. These trial runs would be conducted in presence of GIZ team and ULB authorized officer.

17. During the entire cycle of supply, unloading, erection, commissioning and trial runs till hand-over of facility, supplier shall ensure that its staff are complying with all required and specified occupational health and services and safety requirements. Person appointed to work with electrical and mechanical equipment possess requisite qualification and trainings. GIZ reserves the right to conduct audit of their qualification and demand SoP related to contractor safety policy.
18. Once trial runs are completed, the supplier designated person shall furnish a certificate declaring the successful commissioning of entire facility. This certificate shall be handed over to GIZ, who in turn shall share it with ULB authorized officer. ULB authorized officer would be empowered to carry a second level of check and ensure that all certified details by the supplier representative are verified and correct to best of his knowledge.
19. After facility achieves commercial operation of date, the supplier shall appoint one technical person for a period of **6 months**. This technical person should be competent enough to handle operations of all equipment supplier at this facility. He shall act as a main operations point of contact. He shall also support hands-on exposure and practical handling of equipment by appointed staff of facility.
20. The supplier shall supply two set of following drawings to GIZ after facility handover as follows (whichever is applicable):
 - a. Technical details of all equipment, including its specification, cross-sections, electrical lay-outs, operation manual; safety considerations and minimum operational performance guarantee with a checklist of preventive maintenance.
 - b. Details of standard warranty certificates and list of parts covered under standard 1 year warranty.
 - c. Health and Safety Manuals of Equipment Operations.
 - d. Circuit diagrams of all Equipment Operation Panels.

Installation details:

- The selected bidder shall install the equipment as per the specifications listed in table 1, 2 of the 'technical specifications' section.

Testing

The contractor shall test all the components of the system at the project site. During the testing, if the equipment is not found as per the provided specifications or if it not functioning adequately, the bidder shall rectify the shortcomings/ replace the equipment and shall again communicate to

the designated officer of GIZ the probable date for testing. GIZ shall undertake inspection & testing of the equipment with regard to the specifications as provided to the bidders. During such event, GIZ shall not be liable to compensate any additional cost incurred by the bidder and the bidder shall not be permitted to deviate from the schedule it has proposed at the time of submitting the bid. The bidder in no way is relieved from any obligation of this tender.

Installation, training, and calibration techniques for all the instruments shall be provided by the contractor.

Liquidated Damages and Termination of Contract

Except because of force majeure, if the bidder fails to perform the scope of work, to the satisfaction of GIZ, within the time period specified in the delivery schedule or within the extended time period if any, GIZ shall without prejudice to its other remedies under the contract, deduct from the contract price as liquidated damage, a sum equivalent to 1% of the price of the unperformed work/ services for each week of delay until actual completion of work, up to a maximum deduction of 10%. Once the maximum is reached, GIZ may consider termination of the contract.

Force Majeure

Force Majeure Events shall include the following events to the extent they satisfy the foregoing requirements:

- Natural disasters, including but not limited to lightning, earthquake, volcanic eruption, landslide, flood, cyclone, typhoon, tornado
- any act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo, revolution, riot, insurrection, terrorist, or military action
- any pandemic (including Covid-19)
- any requirement, action or omission to act pursuant to any judgment or order of any court or judicial authority or Statutory Entity in India of any Law or any of their respective obligations under this Agreement.
- expropriation and/or compulsory acquisition of the Project in whole or in part by any Government or Statutory Entity
- radioactive contamination or ionising radiation originating from a source in India or resulting from another Force Majeure Event excluding circumstances where the source or cause of contamination or radiation is brought or has been brought into or near the Project Site by the Affected Party or those employed or engaged by the Affected Party
- industry wide strikes and labour disturbances having a nationwide impact in India.

Force Majeure Event shall not include the following conditions, except to the extent that they are consequences of a Force Majeure Event:

- unavailability, late delivery or change in cost of steel, equipment, materials, spares parts or consumables in local market.
- delay in performance of any contractor or sub-contractor or their agents
- non-performance resulting from normal wear and tear of plant, materials, or equipment at the bidder's facility.
- strike or labour disturbances at the facilities of the bidder
- insufficiency of finances or funds or the agreement becoming onerous to perform.
- non-performance caused by, or concerned with, the bidder negligent and
- intentional acts, errors, or omissions
- failure to comply with Law, or
- breach of, or default under this Agreement

Delivery of Material

The Bidder should note that it has to furnish and agree with GIZ, the delivery of the material at the project site

The equipment delivery must be coordinated with GIZ before the dispatch to the project site. The delivery locations need to be coordinated with GIZ just before delivery.

Payment Terms

- 30% of bid price as advance upon signing the order and submission of proforma invoice along with Bank guarantee. The supplier shall be required to submit an equivalent collateral with GIZ for the same. The Bank guarantee must be valid for a minimum period of **6 months** from the date of signing the Purchase Order with winning agency.
- 20% after pre-dispatch inspection.
- 20% after equipment set up and commissioning.
- 20% after successful trial run as per output defined specification after completion of second phase.

Security retention If payments on account have been agreed in the contract, 10% of the amounts invoiced in accordance with the contract (including VAT/GST, as the case maybe) shall be retained and initially not disbursed. This amount can be released against the provision of a security. Security retention can be paid after completion of **06 months** of successful operations.

The amount retained shall be disbursed following acceptance of the work as a whole. Procurement shall be of two phases:

1. First Phase: Equipment fabrication, supply, commissioning, and trial runs – 4 months (depending upon any anticipated delays included).
2. Second Phase – 6 months – this includes deputation of technical staff for handholding operational support and performance optimization.

SPECIAL CONDITIONS

1. **Scope:** The scope of work to be carried out under this contract is illustrated in technical Specifications and BOQ. The Contractor will carry out and complete the said work under this contract in every respect in conformity with the contract documents and with the direction of and to the satisfaction of the Owner's (GIZ is referred to as Owner) site representative. The contractor will furnish all labour, materials, and equipment (except those to be supplied by the owner) as listed under BOQ and specified otherwise, transportation and incidental necessary for supply, installation, testing, and commissioning of the complete system as described in the technical specifications and as listed in BOQ. This also includes any material, equipment, appliances, and incidental work not specifically mentioned herein or noted on the drawings/documents as being furnished or installed, but which are necessary and customary to be performed under this contract.
2. **Civil and Electrical Works:** All kind of civil and electrical works associated with **technical** installation are part of the scope of this contract.
3. **Performance Guarantee:** The contractor will perform the work in accordance with the tender documents, drawings and other documents forming part of the contract. At the close of the work and before issue of final certificate of virtual completion, the contractor will furnish written performance guarantee against defective materials and workmanship for a period of **one year** from date of testing, commissioning, and satisfactory handing over. The Contractor will hold himself fully responsible for reinstallation or replacement, free of cost to owner because of defective workmanship.
4. **Specifications:** The work will be installed as per BOQ. However, any change found essential to coordinate the installation of this work with other trades will be made without any additional cost to the Owner wherever possible or an approval will be taken from Owner. The data given herein and on the Drawings is as exact as could be secured, but its complete accuracy is not guaranteed. The drawings are for the guidance of the contractor, exact locations, distances, and levels will be governed by the site conditions and the Architectural & Interior layouts.
5. **Materials & Equipment:** All materials and equipment will conform to the relevant Indian Standards and will be of the approved make and design. Makes will be strictly in conformity with list of approved manufacturers as listed in list of approved makes. Contractor will be

responsible for the safe custody of all materials and will insure them against theft or damage in handling or storage etc.

- 6. Retention Clause:** The client shall withhold 10% of the total basic amount of the project until such time the project achieves the stated desired application up and running smoothly.
- 7. Completion Certificate:** On completion, a certificate will be furnished by the Contractor countersigned by the supervisor, under whose direct supervision the installation was carried out.
- 8. Demonstration to Owner:** At completion, devices subject to manual operation will be operated at least two times in presence of Owner's site representative to demonstrate satisfactory operation.
- 9. Force Majeure:** Force Majeure Events shall include the following events to the extent they satisfy the foregoing requirements:
 - Natural disasters, including but not limited to lightning, earthquake, volcanic eruption, landslide, flood, cyclone, typhoon, tornado.
 - any act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo, revolution, riot, insurrection, terrorist, or military action
 - any pandemic (like Covid-19)
 - any requirement, action, or omission to act pursuant to any judgment or order of any court or judicial authority or Statutory Entity in India of any Law or any of their respective obligations under this Agreement.
 - expropriation and/or compulsory acquisition of the Project in whole or in part by any Government or Statutory Entity
 - radioactive contamination or ionising radiation originating from a source in India or resulting from another Force Majeure Event excluding circumstances where the source or cause of contamination or radiation is brought or has been brought into or near the Project Site by the Affected Party or those employed or engaged by the Affected Party
 - industry wide strikes and labour disturbances having a nationwide impact in India.

Force Majeure Event shall not include the following conditions, except to the extent that they are consequences of a Force Majeure Event:

- unavailability, late delivery or change in cost of steel, equipment, materials, spares parts or consumables in local market.
- delay in performance of any contractor or sub-contractor or their agents
- non-performance resulting from normal wear and tear of plant, materials, or equipment at the bidder's facility.
- strike or labour disturbances at the facilities of the bidder

- insufficiency of finances or funds or the agreement becoming onerous to perform.
- non-performance caused by, or concerned with, the bidder negligent and
- intentional acts, errors, or omissions
- failure to comply with Law, or
- breach of, or default under this Agreement

D. LIST OF EQUIPMENT

S.No	Machinery Name	Capacity	Unit
1	Feeding Conveyor	20	TPH
	14 Meter , L shape , 1600mm Total width, MS rustproof color coated structure, chevron 1400mm X 8 mm 3 ply Belt , with 7 HP IE2 Motor and Gearbox		
2	Pre-sorting Conveyor line	20	TPH
	12 meter. 1600mm Total width, MS rustproof color coated structure, chevron 1400mm X 8 mm 3 ply Belt , with 7 HP IE2 Motor and Gearbox		
3	Trommel 85 mm	20	TPH
	Throughput Capacity 5 Tons Per Hour (TPH) Drum Diameter 2200 mm Drum Length 5 meters Mesh/Screen Size 85 mm Motor Capacity 10 HP (Geared motor) Material of Construction Mild Steel (MS) , Stainless Steel (SS) screen panels Accessories Included Infeed hopper, rotary brush/knocker for mesh cleaning, process conveyor, and reject conveyor		
4	Mag Separator 1	1	TPH
	Overhang self-cleaning, up to 2500 gauss cross belt magnetic separator , 800mmX2000mm, 3Hp IE2 motor with gearbox , MS rustproof color coated structure		
4	Mag Separator 2	1	TPH
	Overhang self-cleaning, up to 2500 gauss cross belt magnetic separator , 800mmX2000mm, 3Hp IE2 motor with gearbox , MS rustproof color coated structure		
5	Aire density Separator/ 2D-3D Separator	20	TPH
	10 TPH density separator, 2 meter X 6 meter x 2 meter size , 5hp high pressure centrifugal blower, MS rustproof color coated structure		
6	Fines Output Sorting Line	10	TPH
	18 meter. 1400mm Total width, MS rustproof color coated structure, Plain 1000mm X 8 mm 3 ply Belt, with 3 HP IE2 Motor and Gearbox		
7	3D material/ Heavy Material Sorting line	10	TPH

	10 meter. 1400mm Total width, MS rustproof color coated structure, Plain 1000mm X 8 mm 3 ply Belt, with 3 HP IE2 Motor and Gearbox		
8	2D Material / Light Material Sorting line	10	TPH
	10 meter. 1400mm Total width, MS rustproof color coated structure, Plain 1000mm X 8 mm 3 ply Belt, with 3 HP IE2 Motor and Gearbox		
9	RDF Line	20	TPH
	13 meter. 1600mm Total width, MS rustproof color coated structure, Chevron 1400mm X 8 mm 3 ply Belt, with 3 HP IE2 Motor and Gearbox		
10	RDF Conveyor output 1	20	TPH
	6 meter. 1600mm Total width, MS rustproof color coated structure, Chevron 1400mm X 8 mm 3 ply Belt, with 3 HP IE2 Motor and Gearbox		
10	RDF Conveyor output 2	20	TPH
	6 meter. 1600mm Total width, MS rustproof color coated structure, Chevron 1400mm X 8 mm 3 ply Belt, with 3 HP IE2 Motor and Gearbox		
11	RDF Conveyor Feed back	20	TPH
	13 meter. 1400mm Total width, MS rustproof color coated structure, Chevron 1000mm X 8 mm 3 ply Belt, with 3 HP IE2 Motor and Gearbox		
12	RDF Conveyor Final Output	20	TPH
	10 meter. 1600mm Total width, MS rustproof color coated structure, Chevron 1400mm X 8 mm 3 ply Belt, with 3 HP IE2 Motor and Gearbox		
13	Shredder Primary	10	TPH
	Dual Shaft Slow Speed Shredder, for Mixed Dry Municipal Solid Waste (MSW), 8–12 TPH, Material Density - 0.30 – 0.70 T/m ³ , Output - Below 80 mm (75–80% passing), MS Fabricated, Industrial Painted, 75HP X 2 IE2 4P Motors with Gearbox		
14	Shredder Secondary	10	TPH
	Dual Shaft Slow Speed Shredder, for Mixed Dry Municipal Solid Waste (MSW), 8–12 TPH, Material Density - 0.30 – 0.70 T/m ³ , Output - Below 80 mm (75–80% passing), MS Fabricated, Industrial Painted, 75HP X 2 IE2 4P Motors with Gearbox		
15	Auger Screen / Size Separation Unit with Output Conveyor	20	TPH
	85mm screening, 2.5 Meter X 4 Meter screening area, up 10 Auger Screw, MS rustproof color coated structure, with 5 HP IE2 Motor and Gearbox		
16	Structure and platform	1	Set
	MS rustproof color coated structure suitable for sorting line with ducts		
17	Electrical Panel Scada + Electrical wiring	1	Set
	- Incoming MCCB: 600 A, 4P, 50 kA, Electronic Trip - Busbar: 1000 A Tinned Copper 150 HP Feeder MCCB: 250 A, 4P 150 HP Feeder MCCB: 250 A, 4P 11 kW VFD: 1 No. (for 7 HP motor) 7.5 kW VFD: 4 Nos. (for 5 HP motors)		

	• 4 kW VFD: 5 Nos. (for 3 HP motors) • DOL Starters: 7 Nos. (for remaining 3 HP motors) • Spare DOL Feeders: 2 Nos. • Multifunction Energy Meter: 1 No. • CTs: 400/5 A, Class 1, 15 VA • Surge Protection Device: Type II • Protection Degree: IP54, Floor-Mounted MCC • PLC control panel with IOT • Cables from Panel to Motors		
18	Lighting and Utilities	1	Set
	• Internal LED lighting: 8–10 kW • External lighting: 2–3 kW • Task/sorting lighting: 1–2 kW • Ventilation fans: 15–25 kW • Dust extraction: 10–25 kW • Water pumps: 3–5 kW • Fire pumps: electrical as per fire design • Compressor: 7.5–11 kW • Workshop tools: 5–10 kW • Office/IT/CCTV: 3–5 kW • Miscellaneous: 5 kW • Preliminary utility allowance: ~60–90 kW + fire pump		
19	Forklift	2	Ton
	• Model - D20S-7 • Load capacity – 2000 kg • Load center- 500 mm • Wheelbase – 1625 mm • Height, mast lowered – 2175 mm • Free lift- 152 mm • Lift – 3230 mm • Height, mast extended – 4490 mm • Height, overhead guard – 2183 mm • Height of seat – 1026 mm • Length to forkface - 2530 mm • Overall width - 1170 mm • Turning radius – 2220 mm		
20	Baler Automatic	15	Ton
	• Bale Weight - 300 kg • Press Capacity - 60 ton		

	• Bale Size - 1100x830 mm • Type Of Press - Horizontal • Working Type - Automatic • Bale Discharge - Front Eject • Material - MS • Capacity - 10-20 Ton, per Hr. • Automatic Type - Automatic • Automation Grade - Fully Automatic • Control Type - Non-CNC • Brand - Baler Boy • Color - Blue • Warranty - 12 Months • Application - MSW Waste, paper waste, Plastic Waste		
21	Fire Fighting system	1	Set
	• Main Electric Pump (Kirloskar/Lubi: 50 HP, 2280 LPM) • Standby Diesel Engine Pump (Kirloskar/Cummins: 50 HP) • Jockey Pump (3 HP, 180 LPM to maintain pressure) • Common Base Frame & Coupling • Control Panel (Auto-start logic, pressure switches, battery charger) • Piping & Accessories (Valves, Non-Return Valves, pressure gauges, air vessel) • Installation & Commissioning (Labor, alignment, testing)		

Minimum Eligibility Criteria for participation in tender process

Note: The supplier has to submit the documentary evidence for all the below given criteria's, failing to submit any of the below mentioned documents will lead to disqualification of bid.

S. No.	Particular	Document to be attached.
01	Company Registration	The agency must have a registered office in India and regional office in Uttar Pradesh with minimum experience of 03 years in field of manufacturing, supply and installations with various stakeholders in the field of waste processing machinery/equipment. "The agency should be a manufacturer or an authorized dealer/distributor of particular/proposed

		brand and must submit copy of respective certificate with the proposal/bid" (Mandatory)
02	Average Annual Turnover must be minimum of INR 5,00,00,000 (Five crore Only) in last three financial years.	CA Certificate (Mandatory) Computation of Income Tax for last three financial years ((Mandatory) Audited P&L Account and Balance Sheet for last three F.Y including UDIN no. of CA (Mandatory)
03	Client List	The company must provide client list of 3 medium / large size companies or 3 City Corporation in India in the past 03 years having worked for manufacture, supply, installation and maintenance support of the processing machineries & equipment
04	Working Experience	Prior work order/ purchase order will be attached for at least 03 companies or 3 City Corporations in India demonstrating the similar nature of work undertaken in the past 03 years with minimum value of INR 3,00,00,000 (INR Three Crore)
05	Legal Status	Incorporation Certificate and /or other legal registration documents as per the nature of business (Mandatory)
06	PAN, TIN, GST	Copy of PAN, TIN and GST certificates (Mandatory)
07	Bank details	Copy of Cancelled cheque along with bank details (Mandatory)
08	Organizational Profile	Organisation may submit standard brochure/profile of the organization including the client list for reference purpose (Desirable)
09	References	Organization may provide reference of minimum 03 reputed clients from last 03 years (Desirable)
10	Quality Certifications	Any ISO, Quality or any Green certification – Desirable though not mandatory;
10	Ecological and sustainable parameters	Organisation should briefly elaborate the business practices adopted towards the sustainability initiatives and highlight the experience in Sustainable Development Goals (SDGs) (Desirable, but strongly recommended to provide considering GIZ's overall commitment to sustainability initiative, especially SGD 2030)

- ***The company will also declare that no child labour engaged in their organisation directly or indirectly. (As per Annexure- A);***
- ***Self-certification to the effect that the tenderer has not been blacklisted by any company or its contract has been terminated on account of poor performance. (As per Annexure-A);***

The detailed technical specifications are attached with the tender documents. The agency is requested to quote for each, and every items/equipment mentioned in the respective

technical specifications, inclusive of packing, loading, transportation, unloading costs in the financial format. The financial format is part of this tender for reference.

The financial proposal must also mention the following:

- (a) Schedule and timelines for supply, installation and maintenance*
- (b) Warranty/Guarantee of equipment.*
- (c) GST must be indicated separately with GST rate.*
- (d) Payment terms if different from the GIZ proposed payment terms.*
- (e) Freight/Packing/delivery charges (if any) must be mentioned separately.*

Points to Remember:-

- The bidders must quote for all the equipment's. In case of partial quoting of items, the bid shall be rejected.
- The price quoted should be exclusive of taxes (GST) and tax rate should be clearly indicated "**Price Sheet/BOQ**" – **Annexure- D** and any such other levies/ taxes that should be clearly defined.
- If no mention is made regarding taxes in the price bid, it will be presumed that the offered rate is inclusive of taxes.
- Any bids/supporting tender documents sent after the tender deadline expiration shall also not be considered for evaluation.

Opening and Evaluation of Tenders

- The following Tenders will be **DISQUALIFIED**:
 - Bids/Proposals received after deadline of submission.
 - Bids/Proposals submitted by email / fax IDs except specified address in tender documents.
 - Incomplete Bids
 - Bidders not meeting eligibility/commercial suitability.
 - Quoting for partial items and not mentioning the brand/make of equipment's.
- The Financial bids will be evaluated only in respect of those firms, which meet the technical specifications and by submitting all relevant documents and declaring child labour/blacklisting declaration.

- Based on the offers presented, the different proposals will be scored for excellence and final selection will be made of the best of the offers with lowest prices and as per the technical specifications recommended by GIZ.
- Any arithmetical error by the Bidder in pricing the List of Specifications/Annexure D or in the additions or in carrying forward subtotals to the summary or to the Tender will be corrected during the evaluation of the Tenders. In such cases the Tender sum will be adjusted accordingly, and the Bidder will be informed. It will be assumed that the unit price rates entered in the List of Specifications/ Annexure D, are correct.
- GIZ does neither bind himself to accept the lowest Tender or any Tender, nor will he be responsible or pay for expenses or losses, which may be incurred by any Bidder with the preparation of his Tender.

Cancellation of Tendering Action

- The Tendering Action can be cancelled, if.
 - (a) No Tender has been received which corresponds to the Tender Conditions,
 - (b) There have been substantial changes to the basis of the Tendering Action, or
 - (c) There are other serious reasons for such a cancellation.
- The Bidders will be informed without delay of the cancellation of the Tendering Action by the GIZ or his authorized representative and of the reasons for the same.
- This tender notification does not entail any commitment on the part of GIZ, either financial or otherwise. GIZ reserves the right to accept or reject any or all proposals without incurring any obligation to inform the affected applicant/s of the grounds.
- Cost incurred towards submitting the bids will in any case not be reimbursed/paid by GIZ.

Annexure A: Covering letter

(To be submitted along with the Proposal/bid on company's Letter Head)

M/s
.....
.....
.....

To,
The Head of Contracts and Procurement
GIZ India, GDCO Office
46, Paschimi Marg, Vasant Vihar
New Delhi – 110 057

Subject: Offer in response to Supply, Installation and Maintenance support of equipment for Dry Waste Material Recovery Facility (MRF) of 100 TPD capacity at Karsada for Varanasi Municipal Corporation, Varanasi, Uttar Pradesh, India RFQ Nr. 10058078

Dear Sir/ Madam,

I/We the undersigned hereby offer to execute the scope of work and accordingly submit our offer in full compliance with terms & conditions of the bid.

The bid for TENDER No. 10058078 is being submitted as per the instructions mentioned in the tender documents.

Name of the Contact Person	
Mobile Number	
Email Id	
Land line Number, if any	
Office address	

(Signature and stamp of Bidder)

Annexure B: Declaration by the bidder

(to be submitted along with the bid)

I/We the undersigned (herein after referred to as manufacturer) having fully understood the nature of the work and having carefully noted design, specification, terms, and conditions, etc. as mentioned in the bid document do hereby declare that,

1. All the requirements of the bid document have been understood properly and accordingly agree with all provisions of the bid document and accept all risks, responsibilities and obligations directly or indirectly connected with the performance of the bid.
2. All the relevant information with regard to proper execution of the proposed work has been understood, with respect to the proposed specifications, its intended end use, availability of required materials and labour etc.
3. Are capable of executing and completing the work as required in the bid and are financially sound to execute the scope of work as per the work execution schedule. We have sufficient experience and are competent enough to perform the contract up to the satisfaction of GIZ. We also give the assurance to execute the scope of work as per the specifications, terms, and conditions on award of order.
4. We have no collusion with other bidders, any employee of GIZ or team engaged in executing the scope of work.
5. We have not been influenced by any statement or promises by any employee of GIZ or anyone from the team engaged by GIZ but only by the bid document.
6. We are familiar with all general and special laws, acts, ordinances, rules, and regulations of the Municipal, District, State and Central Government that may affect the work, its performance or personnel employed therein.
7. The submitted offer will remain valid for acceptance for 90 days from the last date of submission of bid.
8. All the information and the statements submitted with the bid are true to the best of knowledge.
9. We are not engaged in any kind of child labour nor any of our partners/suppliers indulge in any child labour activities.
10. We have never been debarred to undertake similar work by any Government undertaking/department, never been blacklisted or our companies' contract been terminated due to poor performance.

11. Mandatory grounds of exclusion – i.e., the bidder and/or its management has been involved in and convicted of an offence under:

- a. the Indian Penal Code, 1860;
- b. the Prevention of Corruption Act, 1988;
- c. the Prevention of Money Laundering Act, 2002;
- d. the Unlawful Activities (Prevention) Act, 1967;
- e. the Immoral Traffic (Prevention) Act, 1956; or
- f. any other applicable legislation in this regard.

In addition, the bidder is also debarred from the procurement process, if the bidder has committed any fiscal offence including but not limited to the following legislations, which offence/contravention has been established by judicial or administrative decision having final and binding effect:

- a. default in payment of tax under the Income Tax Act, 1961;
- b. default in payment of goods and service tax in compliance with the GST laws;
- c. default in payment of any tax in compliance with the applicable national, state or local legislation;
- d. default in payment of employee benefits under the labour and employee legislations such as provident fund, professional tax, labour welfare cess etc.; or
- e. default in compliance with the Foreign Contribution (Regulation) Act, 2010.”

Sub-point (a) and (b) above (concerning the Indian Penal Code, 1860 and the Prevention of Corruption Act, 1988) have been prescribed as grounds for debarment of a bidder, under rule 151(1) of the General Financial Rules, 2017 as well.

(Signature and stamp of Bidder)

Name:

Seal/Stamp:

Date:

Annexure C: Technical Criteria

- Technical specifications to be agreed signed and stamped as defined above.

Annexure D: Financial Proposal Template

Separate excel sheet enclosed with the tender document.

Annexure E: Delivery Schedule

Overview

Sl. No	Description	Expected Plan (GIZ)	Plan Proposed by the bidder
1.	Date of Purchase Order / Award of Contract	D0 (Day 0)	
2.	Procurement and inspection of material	D0 + 45 days	
3.	Transportation of the equipment to the Project site	D0 + 90 days	
4.	Setting up, commissioning, testing & trial of equipment at the Project site	D0 + 150 days	
5.	Handholding operational support and performance optimization.	D0+ 180 days	

Name of the Supplier:

Signature & Stamp

Date

Checklist (plea

Bidder should confirm that following documents has been submitted along with the bid.

Sl. No	Documents	Yes	No
1.	Covering letter as per prescribed format (Annexure A)		
2.	Declaration on Company's letter head with complete contact details as per prescribed format (Annexure B)		
3.	Agreement of Technical Criteria (Annexure C) <i>Signed and stamped</i>		
4.	Price bid as per prescribed format (Annexure D)		
5.	Delivery Schedule: Total time frame required for supply of Camera trap (Annexure E)		
6.	Document Submission (Annexure F)		
7.	General Terms & Conditions		
8.	Legal Inferences		
9.	Self-declaration to determine the origin or source of the goods offered		
10.	Further documents required as per section 2 below		

1. Bidders to provide following information and need to attach documentary evidence in support of each of them.

Sl. No	Description	Relevant document to be submitted	Documents Submitted	
			Yes	No
1.	Company Registration	The agency must have a registered office in India and regional office in Uttar Pradesh with minimum experience of 03 years in field of manufacturing, supply and installations with various stakeholders in the field of waste processing machinery/equipment "The agency should be a manufacturer or an authorized dealer/distributor of		

		particular/proposed brand and must submit copy of respective certificate with the proposal/bid" (Mandatory)		
2.	Client List	The company must provide client list of 3 medium / large size companies or 3 City Corporations in India in the past 03 years having worked for manufacture, supply, installation and maintenance support of the processing machineries & equipment		
3.	Working Experience	Prior work order/ purchase order will be attached for at least 03 companies or Urban Local Bodies in India demonstrating the similar nature of work undertaken in the past 03 years with minimum value of INR 3,00,00,000 (INR Three Crore)		
4.	Average Annual Turnover must be minimum of INR 5,00,00,000 (Five crore Only) in last three financial years.	CA Certificate (Mandatory) Computation of Income Tax for last three financial years ((Mandatory) Audited P&L Account and Balance Sheet for last three F.Y including UDIN no. of CA (Mandatory)		
5.	It should possess the documents showing registration e.g., GST, PAN, etc. Self-attested copy of the documents should be furnished by the bidder along with the bid.	Copy of Pan card Copy of GST number		

Signature of the bidder

Name:

Mobile Number:

Seal / Stamp