

Jaypee Bina Thermal Power Plant (JBTPP), Distt: Sagar (M.P.)

**BID INVITATION DOCUMENT**

**Tender Number: JPVL/TENDER/02/2026-27**

FOR 'ASH TRANSPORTATION', 'LOADING OF ASH AT ASH POND' AND 'MATERIAL HANDLING OF ASH' FROM JBTPP.

**TABLE OF CONTENTS**

1. INTRODUCTION
2. ANNEXURE I – BOQ (Transportation & Loading of Ash)
3. ANNEXURE II – SCC (Transportation)
4. ANNEXURE III – Scope of Work (Transportation)
5. Annexure IV – SCC (Execution of Excavation and Loading of Pond Ash on Tonnage Basis)
6. ANNEXURE V – BOQ (Material Handling)
7. ANNEXURE VI – SCC (Material Handling)
8. ANNEXURE VII - Illustration for Financial Implication of HSD Price Variation for Transportation/  
Material Handling/ Pond Loading (attached)
9. ANNEXURE VIII - Safety management Scope
10. ANNEXURE IX - List of Safety Items
11. ANNEXURE X – Machin Deployment Plan

## INTRODUCTION

Jaypee Bina Thermal Power Plant (JBTPP), Distt: Sagar (hereinafter referred to as 'Owner') is the coal based Thermal Power Plant in the state of Madhya Pradesh, India with a total capacity of 500 MW. It comprises 2 units of each 250 MW capacity.

Abiding by the guidelines of MOEF&CC/MOP, JBTPP has planned to transport various types of ash generated in its power plant to various avenues of Ash utilization such as:

- Road construction projects
- Manufacturing Ash based products such as bricks, blocks, tiles, cement, concrete, etc.
- Use as soil conditioner in agriculture activity
- Other Infrastructure Projects such as buildings, roads, dams and embankments
- Backfilling of abandoned mines/Low Lying Areas
- Other Utilization avenues / Users / Consumers designated as per MOEF&CC/MOP

Through this Bid Document, JBTPP is interested to award contract of Ash transportation and material handling for the above-mentioned avenues and other avenues discovered by JBTPP/Transporter and invites all reputed Logistics service providers and material handling agencies in the bidding process and to submit their best offer for transportation and material handling services of Ash.

The Transporter are requested to kindly go through the details in the Bid Documents and submit their **best offer on or before 3<sup>rd</sup> October 2026**.

**Note:** Submitted bids will be considered for further evaluation only upon receipt of the Earnest Money Deposit (EMD). An EMD of ₹4,50,000/- (Rupees Four Lakh Fifty Thousand Only) must be submitted along with the tender documents on or before 3<sup>rd</sup> October 2026 in the form of a Demand Draft, drawn in favor of **Jaiprakash Power Ventures Limited, payable at New Delhi**. EMD would be on returnable basis.

The Transporter shall mandatorily submit its best offer along with all requisite tender documents as a password-protected electronic file at the following email address. Submission in a sealed envelope may additionally be made at the following address, if desired.

### **Plant Address:**

Jaypee Bina Thermal Power Plant,  
Rajiv Nagar, Post Box No. 1, Sub P.O. Agasod,  
Tehsil: Bina - 470113, District Sagar (M.P.)

**Email ID:** kk.mishra@jalindia.co.in

Further details regarding the bid opening process and schedule will be communicated separately through email.

JBTPP reserves the right to accept or reject any Bid(s) or accept bid for and to annul the process of submission of Bids, at any time without assigning any reason thereof.

**Annexure-I**

**Schedule of Rate for Ash Transportation**

| <b>Description of Work: Providing services for "Transportation of Ash through Tippers" and "Loading of Ash from Ash Ponds". - from Silo, Ash Pond etc</b> |                                                                                           |                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------|
| <b>Estimated Quantity – up to 0.65 Lakh MT per month</b>                                                                                                  |                                                                                           |                           |
| <b>S. No.</b>                                                                                                                                             | <b>Particulars</b>                                                                        | <b>Unit Rate (Rs./MT)</b> |
| <b>A</b>                                                                                                                                                  | Transportation of Ash from JBTPP to various Ash utilization avenues through open tippers: |                           |
| 1                                                                                                                                                         | 0 to 5 Kms                                                                                |                           |
| 2                                                                                                                                                         | More than 5 to 10 Kms                                                                     |                           |
| 3                                                                                                                                                         | More than 10 to 15 Kms                                                                    |                           |
| 4                                                                                                                                                         | More than 15 to 20 Kms                                                                    |                           |
| 5                                                                                                                                                         | More than 20 to 25 Kms                                                                    |                           |
| 6                                                                                                                                                         | More than 25 to 30 Kms                                                                    |                           |
| 7                                                                                                                                                         | More than 30 to 35 Kms                                                                    |                           |
| 8                                                                                                                                                         | More than 35 to 40 Kms                                                                    |                           |
| 9                                                                                                                                                         | More than 40 to 45 Kms                                                                    |                           |
| 10                                                                                                                                                        | More than 45 to 50 Kms                                                                    |                           |
| 11                                                                                                                                                        | More than 50 to 55 Kms                                                                    |                           |
| 12                                                                                                                                                        | More than 55 to 60 Kms                                                                    |                           |
| 13                                                                                                                                                        | More than 60 to 70 Kms                                                                    |                           |
| 14                                                                                                                                                        | More than 70 to 80 Kms                                                                    |                           |
| 15                                                                                                                                                        | More than 80 to 90 Kms                                                                    |                           |
| 16                                                                                                                                                        | More than 90 to 100 Kms                                                                   |                           |
| 17                                                                                                                                                        | More than 100 to 150 Kms                                                                  |                           |
| 18                                                                                                                                                        | More than 150 to 200 Kms                                                                  |                           |
| 19                                                                                                                                                        | More than 200 to 250 Kms                                                                  |                           |
| 20                                                                                                                                                        | More than 250 to 300 Kms                                                                  |                           |
| <b>Execution of excavation and loading of pond ash on tonnage basis (As per Owner's requirement)</b>                                                      |                                                                                           |                           |
| <b>B</b>                                                                                                                                                  | Excavation & loading of Ash from Ash Pond on tonnage basis by engaging Excavators         |                           |
| MT- Metric Ton                                                                                                                                            |                                                                                           |                           |

- **Note for Transportation Work:** Distance shall be measured from the various loading points inside JBTPP e.g. Fly Ash Silo, Ash Ponds, etc.

## **Annexure-II**

### **Special Terms and Conditions (SCC) for Transportation of Ash**

#### **A] Securities:**

- a) The Transporter shall provide the Securities specified below in favor of the Owner at the times & in the amount, manner and form specified below.

#### **Contract Performance Bank Guarantee:**

- i. Transporter shall submit a Contract Performance Security (CPS), as a Security for the Performance of the Contract, in the form of a Contract Performance Bank Guarantee from Nationalized / Scheduled Bank (except from Co-operative Banks) for 5% value of the Total Contract Price. The Total Contract Price shall be calculated as  $C = A \times B$ , whereas A=Average Price, B=Total contract quantity and C=Total Contract Price.
- ii. The validity of the CPS shall be till the end of Completion Period. In case any extension is granted to this Contract, the validity of the CPS shall be extended accordingly.
- iii. The CPS will be forfeited if the Service is abandoned before Completion period as specified in the Contract due to the reasons attributable to Transporter.
- iv. The CPS shall be submitted within 10 days from the date of release of Contract, failing which JBTPP reserves the right to cancel the Contract or keep an amount equivalent to CPBG value on hold from the amount payable by the Owner to the Transporter.

#### **B] Terms of Payment:**

- a) 100% payment shall be released against monthly progressive running account (RA) bills on pro-rata basis within **Thirty (30) days** after receipt of bills. The bills shall be paid based on actual certified quantity and value passed by Owner's Engineer In-Charge.

The RA bills shall be prepared on the basis of the cumulative work completed till the end of the particular month wherefrom the following shall be adjusted:

- i. Amounts due to Owner payable by Transporter.
- ii. The previous payments made.
- iii. Holds suggested by Owner's manager.
- iv. Statutory deductions (e.g. income tax, TDS etc.), if any.
- v. Other deductions, if any.

Transporter shall ensure submission of following documents prior to submission of 1st RA bill:

- i. Acceptance of the Contract.

- ii. Copies of insurance policies as required under this Contract.

Payment shall be made against RA bills on submission of the following documents:

- i. Invoice (clearly indicating cross referencing the Contract item no.). Invoice should contain the Goods & Service Tax (GST) number and income tax pan number.
  - ii. Material receipt acknowledgement LR copy.
  - iii. Weighment slip / Weighment Statement Certified by EIC (as per Owner's SOP or as instructed by EIC).
- b) The payments certified through RA bills shall be treated as advance payments against the final bill. The quantities of work certified by the RA bill shall not be considered as final and the same will not entitle the Transporter to raise any claim, whatsoever.
- c) Submission of RA bills: Three set of RA bills (1 original + 2 copy) shall be submitted to the Owner's manager.
- d) Please note that any certificates issued or payment released shall neither be considered as conclusive evidence of the satisfactory performance of the work/facilities covered under the Contract, either wholly or in part, nor shall any certificate or payment be construed as acceptance of defective or improper work/facilities or as relieving Transporter from their responsibility under this Contract.
- e) TDS: The applicable TDS will be deducted from the Transporter's bill amount.

**C] Tax & Duties/ TDS:**

- a) The Contract Price is inclusive of all taxes & duties except Goods & Service Tax (GST). GST shall be paid by Owner directly to the Government Authorities. [Presently GST is applicable @ 5% of total Contract price].
- b) Any other tax leviable on the date of the Contract, whether considered or not by the Transporter in their final offer shall be to the account of the Transporter. Any new Tax or variation in applicable taxes after the award of the Contract up to the scheduled completion of the work shall be to the account of the Owner. Transporter shall inform the applicability of Taxes & Duties to the Owner and take prior approval before raising Invoice.
- c) If there is any delay in completion on account of the Transporter and if there is any statutory increase in taxes & duties during the period of delay, in such case the difference shall be in account of the Transporter.

d) As regards Indian Income Tax, Surcharge of Income Tax, Withholding Tax or any other Corporate Tax, the Owner shall not bear any Tax liability whatsoever irrespective of the mode of contracting. The Transporter shall be liable and responsible for payment of all such Taxes, if attracted under the provisions of law. The Owner shall however deduct applicable Tax at Source as per law from all payments to be made to the Transporter and the Owner will issue the TDS certificates for the same to the Transporter.

**D] Completion Period:**

The Contract Period shall be valid up to 31.03.2027 from the date of release of Contract.

**E] Liquidated Damage (LD):**

LD is not applicable. However, various penalties are applicable as mentioned below.

- a) In case of any safety rules violation, Transporter is liable to be fined as per Owner's as per attached Safety Requirements.
- b) If any charges or penalties are levied on the Owner on account of any action/ inaction of the transporter, the transporter shall indemnify the Owner of any such penalties.
- c) Any other penalties which are mentioned under various clauses of this tender document shall be applicable to Transporter in case of non-conformance of the Contract conditions by the Transporter.

**F] Defect Liability Period:**

Not Applicable.

**G] Other Terms & Condition:**

- i. All vehicles must be maintained and equipped with all mandatory safety requirements and fittings. Transporter shall responsible for periodic RTO checking of vehicles and fulfilment of all RTO norms.

Vehicle age should be as per norms of JBTPP Safety department/ Owner's Safety Management System.

All vehicles entering Owner's plant premises shall have to undergo 'Pre-Entry Inspection' of vehicles as per the check list (mentioned in clause no. 'xii' below). Vehicles which are not qualifying 'Pre-Entry Inspection' shall not be allowed to enter Owner's plant premises.

- ii. The expenses towards Oil & Lubricants, HSD, Driver's Salary, Supervisor and helpers (at JBTPP loading, delivery points and day to day Administrative and Documentation activities), Vehicle

Maintenance, Insurance Charges, RTO Tax, PUC Charges, Municipal Taxes, License Fee, Registration Charge and other charges are in Transporter's scope.

- iii. Transporters shall be personally liable for the conduct, acts and safe driving/ operating by their drivers. In no circumstances, Owner shall be liable to pay any amount on account of conduct or faulty driving/ operating by the drivers. Transporter shall make good any loss/ damage caused to the movable/immovable property of the Owner.
- iv. The Transporter shall ensure that their drivers/ Operators & helpers have good and courteous manners and drive/ operate all vehicles safely. In case drivers/ operators are not behaving (unsafe/ rash driving, unnecessary arguments, and misconduct) properly, Owner reserves the rights to expel the drivers/ operators under intimation to Transporter.  
  
Drivers of vehicles shall not consume any intoxicating substances during working hours. If found in inebriated conditions, a penalty, not less than, Rs. 1,000/- (Rupees One Thousand only) shall be imposed on the Transporter. The services of the driver will be terminated in the 2<sup>nd</sup> instance and their entry to JBTPP plant will be restricted in future, in addition to the suitable penalty.
- v. The Transporter has to submit the Police Verification Certificate for all their Drivers/ Supervisors/ Helpers and other staff, along with the Behavioral Certificate which includes past history and antecedent verification.
- vi. The Transporter will perform the services in a manner that gives appropriate regard to the protection of the natural environment.
- vii. The Transporter will comply with all statutory & regulatory requirements and codes of practices relating to the services being offered as may be relevant.
- viii. The Transporter will follow all environmental operational controls while carrying out the activities within plant premises as per the instructions by user department.
- ix. Transporter shall not deploy/ employ Minor persons (below 18 years of age) for attending this Work Order Jobs as per the Labour/ RTO Act. Also, the maximum age of engaged drivers should be as per RTO norms.
- x. The transporter shall abide by the instructions of the supervisors appointed by the Owner with respect to the permissible hours for operation in the premises as the same shall not be operational round the clock.
- xi. Transporter has to ensure following during execution of work in Contract Period:

- a) Transporter has to ensure leakage/ spillage proof tipper body and tailgate. There must not be any cracks/ tears/ gaps in body and tailgate which may cause the spillage of fly ash during transit. Transporter has to fabricate additional locking provision (additional locking clamps for extra tightening of tipper's tailgate) as per the requirement of Owner's EIC in addition to locking clamps provided by tipper manufacturer in all deployed tippers. Without these additional clamps, no tippers shall be allowed by Owner's security dept. inside the plant for loading and transporting of material.

xii. Check points of Pre Entry Inspection are as under.

| Sr. No. | Check points of Pre Entry Inspection                                                             |
|---------|--------------------------------------------------------------------------------------------------|
| A       | Identification number marked and readable                                                        |
| B       | Manufacturer's Data Plate – present, clean and readable.                                         |
| C       | Overhead Guard - no loose bolts or cracks.                                                       |
| D       | Axel Load/ safe working load                                                                     |
| E       | On board 1 Kg ABC type fire extinguisher                                                         |
| F       | Main Horn/ Reverse Horn Working                                                                  |
| G       | Head light/ Tail reverse light working                                                           |
| H       | Side indicator light working                                                                     |
| I       | All hydraulic Hoses - No leak                                                                    |
| J       | Fuel Tank, All Fuel pipes - No leak                                                              |
| K       | Battery Powered – plug connection, charge level, battery water level.                            |
| L       | Hydraulic oil level adequate                                                                     |
| M       | Brake Fluid Level adequate                                                                       |
| N       | Tires Air Pressure and Condition                                                                 |
| O       | Dash Board Gauges working normal and indicate within normal range                                |
| P       | Parking break works properly                                                                     |
| Q       | Brake - hold brake down for 10 seconds.                                                          |
| R       | Clutch – engages properly and smoothly.                                                          |
| S       | Steering Wheel - correct amount of tension, no excess free play.                                 |
| T       | Load Chart For crane and forklift                                                                |
| U       | Over load indicator and Alarm                                                                    |
| V       | Load chart for crane/ forklift                                                                   |
| W       | Certificate of testing- lifting tool                                                             |
| X       | Certificate of fitness testing and PUC (Pollution under Control) – RTO                           |
| Y       | Insurance policy papers                                                                          |
| Z       | Additional Locking Clamps as per Owner's requirement for extra tightening of tailgate of tippers |
| AA      | Others (As per work/ site requirement informed by Owner's Safety/ User dept.)                    |

In addition to the checkpoints specified above, the Security Team of JBTPP reserves the right to introduce additional checkpoints and inspection requirements as deemed necessary based on site-specific operational and security requirements.

### **Annexure-III**

#### **Scope of Work for Transportation of Ash**

**Scope of work under this Contract covers providing services for "Transportation of Ash" for Jaypee Bina Thermal Power Plant, Distt: Sagar (M.P.).**

Scope of work under this Contract mainly includes but not limited to the following:

1. The transportation of fly ash work shall be executed by Transporter strictly as per the Owner's SOP, which is made as per Office Memorandum no. F. No. 22-13/2019-IA.III dated 28.08.2019 issued by MoEF&CC (Impact Assessment Division) & as directed by Owner's EIC without any deviation.
2. Transportation of conditioned fly ash through open dumpers/ tippers from JBTPP fly Ash Silo/ Ash Dykes/ Any other loading point to various ash utilization avenues as per Owner's requirement shall be in the scope of Transporter.
3. The identification of new ash Utilization Avenue shall be in the scope of Transporter/JBTPP.
4. Transporter shall have to put efforts for maximizing the use of fly ash in road projects and other avenues.
5. For Ash utilization avenues other than cement plants or road projects, the suitable vehicle is Tipper (12/14/16 wheeler). However, the type and capacity of vehicle shall be based on the site conditions and its location. The deployment of vehicle at any particular site shall be as directed by Owner's EIC.
6. The Transporter shall deploy sufficient Tippers as per the Owner's requirement so that the fly ash can be transported to designated locations as per the daily requirement given by Owner's Engineer-in-charge (EIC).
7. Transporter has to deploy required no. of Tippers as per the instructions received from Owner's Engineer-in-charge (EIC) throughout the Contract period. Some of the ash utilization avenues may not be operational round the clock and Transporter has to make arrangement accordingly. No idling charges shall be paid by Owner for the same.
8. Transporter has to ensure providing sufficient no. of tippers especially for loading and transporting Bottom Ash to various delivery points as per the requirement given by Owner's EIC on day-to-day basis. In case Transporter fails to deploy required tippers for Bottom Ash, suitable penalty shall be imposed on Transporter by the EIC.
9. In monsoon season, many ash utilization avenues shall not be operational, and transporter has to make arrangements accordingly. No idling charges shall be paid by Owner for the same.

10. During Ash transportation from Owner's plant to various sites, it is the Transporter's responsibility to ensure all the compliances of State Pollution Control Board (SPCB) and Central Pollution Control Board (CPCB) notification, rules and regulations.
11. In case of hired vehicles, Transporter shall submit letter of consent from proposed Owner of the vehicle with relevant document as mentioned above.
12. The Transporter shall ensure that all valid documents like registration certificate of vehicles, permits, insurance and PUC, applicable as per the law must be available with vehicle at all the times. Transporter shall also have to ensure that the all vehicle drivers must possess valid license and same shall be produced by driver to Owner's security at material gate whenever required.
13. Transporter shall submit copy of following documents pertaining to all vehicles before commencement of work:
  - 13.1 The valid registration certificate book (RC) of RTO along with insurance cover note shall be submitted for each vehicle. The vehicle should be either in the name of firm of Transporter or in the name of proprietor. If it is a proprietor firm or in the name of partners as stated in the valid partnership deed or in the name of the company or corporate body supported by relevant duly certified document.
  - 13.2 If the Transporter's vehicle is exempted from the taxation by RTO, then the latest tax exemption certificate issued by RTO authority to that effect shall be submitted.
  - 13.3 The vehicle fitness and PUC certificate (Pollution Under Control) as applicable as per RTO rules shall be submitted.
14. Transporter shall be responsible to ensure the compliances of all statutory compliances for vehicular movement by RTO of the state. All issues related to RTO etc. shall be taken care by Transporter.
15. The local liasioning i.e. outside the plant premises from plant gate to various delivery points shall be in the scope of Transporter.
16. Transporter shall ensure that the tippers shall not load quantity in excess of the passing load approved by RTO.
17. **Lead Measurement:** Before commencement of work, distance of various delivery points from Owner's loading points shall be measured by visiting the site jointly or as per google map (wherever applicable). The measured distance of a particular delivery point (One Way) shall be considered as lead for that delivery point. The measured distance will be final & binding on both the parties and shall be used for payment purposes.

18. **Quantity Measurement:** Weighment (Tare and Gross) of each loaded Tipper will be done at Owner's weighbridge, and the weighment slip will be enclosed with LR copy. The net weight received at Owner's weighbridge will be final and binding on both the parties –OR- As directed by EIC as per Owner's SOP.
19. Maximum speed limit for Tipper during transportation of fly ash to various ash utilization avenues:
- 19.1 For loaded and empty tippers: 20 Kms/ hour (Inside Owner's plant premises)
- 19.2 For loaded and empty tippers: 40 Kms/ hour (Outside plant premises up to various delivery points)
- 19.3 All vehicles will run as per above defined speed limits or as per the RTO norms. In case of non-compliance, following penalties will be imposed on Transporter.
- a) In 1st Instance: A Penalty of Rs. 1000/- shall be imposed on Transporter.
- b) In 2nd Instance: A Penalty of Rs. 5000/- shall be imposed on Transporter.
- c) In 3rd Instance: Owner will cancel the gate pass of that driver and Transporter has to expel the driver.
- The instances shall be counted tipper wise.
20. In case any helper of deployed vehicle founds driving the vehicle without proper and valid driving license then Owner shall impose heavy penalty on Transporter at their own discretion/ as per norms of JBTPP Safety department/ Owner's Safety Management System.
21. The loaded tipper should be properly covered with tarpaulin during ash transportation from loading point to delivery point. The Transporter shall ensure the proper and tightened covering of loaded material with tarpaulin. After tightening of tarpaulin, the Tipper body and tarpaulin has to be cleaned to prevent the dusting during the transportation of material. Also, after the loading, the tippers body and the tyres should be water cleaned by Transporter in the facility given inside the plant premises by the Owner.
- Likewise, after unloading and while returning to loading point, Transporter shall ensure proper folding of tarpaulins tighten with available strings, kept properly on the tipper for preventing any dusting during transit.
- Also, Transporter shall ensure for the water cleaning of ash deposits on vehicle and the tyres before releasing the vehicles from the delivery/ loading point in order to avoid spillages on road/ dusting during transit. The water at site for cleaning activity shall be arranged by the Transporters.
- In case of non-compliance, following penalties will be imposed on Transporter.
- a) In 1st Instance: A Penalty of Rs. 1000/- shall be imposed on Transporter.
- b) In 2nd Instance: A Penalty of Rs. 2000/- shall be imposed on Transporter.

- c) In 3rd Instance: Owner will cancel the gate pass of that driver and Transporter has to expel the driver.

The instances shall be counted tipper wise.

22. It is Transporter's responsibility to educate their supervisors/ drivers/ helpers/ other staffs members for handling of ash as per Contract clauses. They must coordinate with Owner's EIC during the Contract period for scheduled awareness sessions for supervisors/ drivers/ helpers/ other staffs members.

Transporter shall ensure that drivers shall not take halts anywhere during transit of loaded vehicle for preventing any sabotage by outsiders. Any halts shall only be taken during transit of empty vehicle.

Transporter shall support Owner's EIC during Contract period for making any kind of provision (inexpensive solutions, which can be done in-house by transporters) in tipper's body which can prevent spillage from the tippers during transit.

Transporter and their drivers shall be responsible for the loading and transporting such material which may cause spillage during transit. In case, the loading machine operator inadvertently loads such material into the tippers, it is the responsibility of driver to intimate to Owner's EIC or their supervisors for further necessary action for unloading of material inside plant only. In any case, the same material cannot be transported outside the plant premises.

In case of non-compliance and spillage during transit due to the above-mentioned reason, the transporter has to expel the driver on immediate basis and the entry of driver to JBTPP site shall be permanently terminated in addition to a penalty of Rs. 10,000 on Transporter for the instance.

23. In case of accident of vehicles or breakdown, the Transporter shall provide immediate transshipment of goods through alternate replacement vehicles at their own cost. Transporter shall take responsibility of reporting accidents, loss, theft, damage of the cargo or any other similar incidents to the originating point and destination point.

During the transshipment of goods due to accident or break down of vehicles, the spilled-out material has to be cleaned by Transporter, either inside or outside the Owner's premises.

Transporter shall ensure that during the transportation of material, there should not be any spillage from the tippers and no material should be unloaded enroute from the tippers due to the overloading and any other reasons. In case of any such act noticed, the Transporter is liable to be fined as per Owner's discretion. The fine shall not be less than Rs. 10,000 per instance.

24. Transporters who will deploy open tippers for transportation of fly ash during the Contract period shall have to deploy water tankers to all the routes of transit (from Owner's plant gate to various delivery points) for cleaning of fly ash from road on as and when required basis. In case of non-compliance, the Transporter is liable to be fined as per Owner's discretion. The fine shall not be less than Rs. 2,000 per instance.

In any case, the drivers of tippers will not leave the place where the ash dropped in quantity from tippers during transit due to opening of back door inadvertently or due to any other reason. The driver should inform for the incident to Transporter and EIC immediately for arrangement of cleaning resources. The driver should stay on the place until the lifting and cleaning of dropped ash is done. In case of non-compliance, a penalty of Rs. 10,000 per instance shall be imposed on the Transporter.

25. The lifted quantity by any tipper during Contract period has to be unloaded/ delivered to the identified and allotted sites only. In case, it is found that any transporter/ driver is unloading/ delivering material to unknown sites without information to Owner/ prior permission from Owner, a penalty of Rs. 10000/- shall be imposed on Transporter for that trip in addition to nonpayment of transportation charges of that trip. In case of more than Three (3) instances, tipper wise, the tipper shall be restricted by the Owner for further execution of work in Contract period.
26. Transporter shall ensure that the vehicles do not divert from the routes prescribed by Owner without prior approval thereof. Any deviation on routes prescribed by Owner shall be intimated to the Owner immediately with specific reasons.
27. Unloading will be done by the Tipper's hydraulic unloading system & it shall be solely Transporter's responsibility.
28. All resources such as manpower, vehicle (Tipper), consumables, fuels, etc. Required for execution of work shall be in Transporter's scope.
29. To & Fro travelling, local conveyance, food and accommodation of Transporter's supervisor drivers/ operators, helpers and other staff members is in Transporter's scope.
30. Owner shall provide the office area near Owner's weighbridge to Transporter for monitoring the vehicles movements and for preparing challans & LR's. The manpower engaged for office work shall work in coordination with Owner's EIC and team.
31. The Transporter shall take due care to protect the cargo against rain, fire, damage, theft, pilferage etc. and shall be responsible for damages/ shortages arising there from and shall indemnify Owner

for such losses. The Transporter undertakes that Owner shall have the right and be entitled to deduct the amount of such losses or damages from the bills/security deposit or any amount outstanding to the Transporter from Owner. In case, there are no outstanding bills, the Transporter shall pay the amount so demanded / claimed by Owner within 7 (seven) working days from the date of such claim / demand.

32. The Transporter shall unless specifically excluded in the Contract, shall perform all such work not specifically mentioned in the Contract, but can be reasonably inferred from the Contract as being required for attaining the completion of the works as if such work and/ or items were expressly mentioned in the Contract.
33. Transporter has to take comprehensive insurance policy to cover the vehicles, drivers, cleaners and third party as per the motor vehicles act. Also, all manpower engaged by Transporter for execution of work inside the plant premises (i.e. for supervision etc.) should be insured adequately i.e. with WC Policy/ ESIC and their PF & other requirement should be fulfilled by the Transporter as per the rules/ labour law.
34. Contractor's manpower has to follow the safety rules of JBTPP and shall work as instructed by EIC and Safety officer of JBTPP during execution.
35. Transporter has to ensure that, their staff should possess valid JBTPP ID.
36. Transporter has to provide all safety gadgets, PPE (as per requirement and advised by Owner Safety dept.) to their workmen.
37. Transporter shall issue lorry receipt (LR) duly filled with all required details for every trip of vehicle.
38. All Supervision services at loading points, delivery points (material handling sites) and during transit (i.e. on road, villages and approach roads of various sites) shall be in Transporter's scope.
39. Transporter's supervisor shall communicate to Owner's Engineer-In-Charge regarding the work status at the end of each shift. Transporter's supervisor shall communicate immediately in case of breakdown of vehicles.
40. Owner shall provide the planning before 24 hours on regular basis to Transporter for transportation of Ash during the Contract period.
41. The quantity shall be executed as per the requirement of Owner during the Contract period.
42. The Transporter has to install the GPS systems from identified GPS service provider by the Owner (single operator for all deployed vehicle during the Contract period) in the vehicles deployed for supplying fly ash to various avenues during the Contract period. The access to the tracking portal

shall be provided by Transporter to Owner's Engineer In Charge for monitoring purpose. The monthly/ periodic reports of GPS system, vehicle and trip wise, should also be submitted by Transporter to Owner's Engineer In Charge". The periodic report generation from the portal shall also be done by Owner as and when required.

**43. Price Escalation/ De-escalation:**

- a) The unit rates shall remain firm during the validity of the Contract and no escalation of whatsoever nature shall be applicable, except in case of cumulative variation in diesel price beyond +/- Rs. 2 per liter.
- b) If there is cumulative variation in average diesel price for the particular month by more than Rs. 2 per liter, we shall allow the variation in transportation rates by 0.50% for every 1% variation in diesel price. This variation includes all direct and indirect costs.
- c) In case of any variation in diesel price, the base diesel price for the purpose of calculation shall be **Rs. 99.31 per liter as on 21.09.2026 at Bina. (Illustration as per attached Annexure-VII)**

#### **Annexure-IV**

#### **Special Terms and Conditions (SCC) for providing services for execution of excavation and loading of Ash on tonnage basis for Ash Utilization dept. for Jaypee Bina Thermal Power Plant, Distt: Sagar (M.P.)**

##### **A] Securities:**

- a) The Contractor shall provide the Securities specified below in favor of the Owner at the times & in the amount, manner and form specified below.

Contract Performance Bank Guarantee:

- i. Contractor shall submit a Contract Performance Security (CPS), as a Security for the Performance of the Contract, in the form of a Contract Performance Bank Guarantee from Nationalized/ Scheduled Bank (except from Co-operative Banks) for 5% value of the Total Contract Price. The Total Contract Price shall be calculated as  $C = A \times B$ , whereas A= Price, B= Total contract quantity and C=Total Contract Price.
- ii. The validity of the CPS shall be till the end of Completion Period. In case any extension is granted to this Contract, the validity of the CPS shall be extended accordingly.
- iii. The CPS will be forfeited if the Service is abandoned before Completion period as specified in the Contract due to the reasons attributable to Contractor.
- iv. The CPS shall be submitted within 10 days from the date of release of Contract, failing which JBTPP reserves the right to cancel the Contract or keep an amount equivalent to CPBG value on hold from the amount payable by the Owner to the Contractor.

##### **B] Terms of Payment:**

- a) 100% of the Contract Price along with 100% applicable Goods & Services Tax (GST) shall be released against monthly progressive running account (RA) bills on prorata basis within Thirty (30) days after receipt of bills. The bills shall be paid based on actual certified quantity and value passed by Owner's Engineer In-Charge.

The RA bills shall be prepared on the basis of the cumulative work completed till the end of the particular month wherefrom the following shall be adjusted:

- i. Amounts due to Owner payable by Contractor.
- ii. The previous payments made.
- iii. Holds suggested by Owner's manager.
- iv. Statutory deductions (e.g. income tax, TDS etc.), if any.
- v. Other deductions, if any.

Contractor shall ensure submission of following documents prior to submission of 1<sup>st</sup> RA bill:

- i. Acceptance of the Contract.
- ii. Mobilization certificate certified by Owner's Engineer-In-Charge.
- iii. Copies of insurance policies as required under this Contract.

Payment shall be made against RA bills on submission of the following documents:

- i. Invoice (clearly indicating cross referencing the Contract item no.). Invoice should contain the Goods & Service Tax (GST) number and income tax pan number.
- ii. Quantity Measurement sheet duly approved by Owner's engineer-in-charge based on weighment slip quantity.
- iii. Copy of vehicle logbook duly certified by EIC (Engineer-In-charge).
- iv. Reconciliation sheet certified by EIC (Engineer-In-charge) for free issue material, if any.

The payments certified through RA bills shall be treated as advance payments against the final bill. The quantities of work certified by the RA bill shall not be considered as final and the same will not entitle Contractor to raise any claim, whatsoever.

b) Submission of RA bills:

Three set of RA bills (1 original + 2 copy) shall be submitted to the Owner's manager.

- c) Please note that any certificates issued or payment released shall neither be considered as conclusive evidence of the satisfactory performance of the work/facilities covered under the Contract, either wholly or in part, nor shall any certificate or payment be construed as acceptance of defective or improper work/facilities or as relieving Contractor from their responsibility under this Contract.

- d) TDS: The applicable TDS will be deducted from the Contractor's bill amount.

**C] Tax & Duties/ TDS:**

The Contract Price is inclusive of all taxes & duties except Goods & Service Tax (GST). GST shall be paid by Owner to Contractor on submission of documentary proof. [Presently GST is applicable @ 18% of total Contract price].

The applicable TDS (e.g. Income Tax etc.) will be deducted from Contractor's Running & Final Bill amount.

No other Taxes & Duties shall be paid by the Owner over and above the Taxes & Duties mentioned in this Contract.

However, if within the stipulated period of the Works/ Facilities, there are any statutory changes in taxes and duties, the same shall be adjusted/ reimbursed by Owner suitably upon submission of authentic documents by the Contractor.

**D] Completion Period:**

The Contract Period shall be valid up to 31.03.2027 from the date of release of Contract.

**E] Liquidated Damage (LD):**

Not Applicable

**F] Defect Liability Period:**

Not Applicable

**G] Other Terms & Condition:**

1. Contractor has to deploy sufficient nos. of excavator machine (Model Ex-210 and above) at site, as per loading point availability, during the Contract period to fulfill the daily target of loading and shifting of fly ash quantity as decided by Owner's EIC.
2. All manpower, tools & tackles, machinery i.e. Excavators (Model Ex-210 and above) as per the site requirements, its fuel (HSD), consumables (Oil & lubricants etc.), driver's salary, supervisor and helpers, maintenance, insurance charges, RTO Tax, PUC charges, municipal taxes, license fee, registration charge and any other related charges, safety gadget, PPE's etc. required for execution of job shall be in Contractor's scope.
3. **Mode of measurement:** The loaded quantity into tippers (as per weight calculation method of transportation work) from various loading points at ash ponds, during any particular period, shall be considered for billing and payment purpose. However, the billing quantity should be certified by Owner's EIC and accordingly, the bills shall be submitted by Contractor along with certified quantity measurement sheet.
4. No idling charge shall be paid to the Contractor during the tenure of the Contract. The BOQ for subject work is tentative and the work shall be executed as per the requirement of Owner during the Contract period.
5. The Contractor shall ensure that availability of machines should be on 24 hours basis at Owner premises.
6. In case of breakdown of deployed machines, the same shall be replaced by the Contractor by other machine on immediate basis.

7. In case of non-availability of required machinery due to unavailability of operators and breakdown of machinery, if the daily target of loading and shifting of Ash from Ash pond is not achieved, the suitable penalty will be imposed to Contractor by the Owner at their discretion.
8. Due to unavailability of required services at any point of time during the Contract period by Contractor, if Owner hires the machinery from other sources for fulfilling the daily loading and shifting target, any additional cost towards machine hiring shall be recovered from the Contractor's bills.
9. Contractor has to ensure that their operators will obtain the signature of the Owner's Engineer-in-charge (EIC)/ Officer-in-charge (OIC) using all equipment on duty slip. If the duty slip does not have the signature of the concerned EIC/ OIC for using equipment, no payment against such utilization will be made by the Owner. Contractor and its operators has to maintain logbook in each deployed machine for records of loaded no. of tippers by their machines on daily basis and the same must get approved by Owner's engineer-in-charge on regular basis.
10. All equipment engaged for execution of work must be maintained and equipped with all mandatory safety requirements and fittings. Contractor shall responsible for periodic RTO checking of equipment and vehicles and fulfilment of all RTO norms.  
  
Equipment age should be as per norms of JBTPP Safety department/ Owner's Safety Management System.  
  
All equipment entering Owner's plant premises shall have to undergo 'Pre Entry Inspection' of vehicles as per the check list (mentioned in clause no. 29 below). Equipment which is not qualified as 'Pre Entry Inspection' shall not be allowed to enter Owner's plant premises.
11. Contractor will not deploy/ employ Minor persons (below 18 years) for attending this Work Order Jobs as per the Labour Act. Also, the maximum age of deployed manpower should be as per Owner's policy and Labour act. The contractor shall ensure that all their workmen shall be covered under ESIC/ WC policy and Contractor shall submit the related documents to Owner as required time to time.
12. Contractor's workmen shall be physically fit and a certificate of fitness shall have to be submitted by the Contractor to Owner's EIC.
13. In case of any safety rules violation, Contractor is liable to be fined as per attached Owner's Safety Requirement.
14. Contractor has to ensure that the Drivers/ Operators must possess valid License and must be well trained.
15. Supervision services at sites shall be in Contractor's scope.

16. Fuel/ Diesel for daily running of machines and its transportation from outside to execution site shall be on Contractor's scope by following all procedure of Owner's plant like security and safety etc.
17. Contractor's supervisors/ operators shall communicate regarding the progress of work/ movement of equipment to Owner's EIC on regular basis. Contractor's supervisors/ operators shall communicate immediately in case of breakdown of equipment.
18. Contractor shall ensure daily certification of number of equipment deployed by them from Owner's EIC.
19. All equipment shall be mobilized as per the requirement given by Owner's Engineer-in-charge.
20. The quantity is tentative mentioned in BOQ, the same can be changed at any point of time during contract period to any extend (+/-). The award of contract can be done to multiple Contractors with split quantities as per Owner's discretion. Contract period may also be in split pattern as decided by Owner.
21. Contractor has to take Third Party Liability Insurance for the vehicles and equipment. The vehicles/ equipment and drivers/ operators/ helpers must be adequately insured. If required by Owner, Contractor has to comply the rules of PF and ESIC etc.
22. Lodging, boarding, local conveyance & transportation of workmen shall be in Contractor's scope.
23. Irrespective of the item description, all the works required for the completion of the execution of the BOQ item/s have been considered by the Contractor and the rate quoted by them is confirming to the same. Claim for extra item shall not be considered on account of the item description.
24. The Contractor will perform the Services in a manner that gives appropriate regard to the protection of the natural environment.
25. The Contractor will comply with all Statutory & Regulatory requirements and codes of practices relating to the services being offered as may be relevant.
26. The Contractor will follow all Environmental Operational Controls while carrying out the activities within plant premises as per the instruction by user dept.
27. Contractor has to ensure that their staff should possess valid JBTPP ID etc.
28. The Transporter has to submit the Police Verification Certificate for all their Drivers/ Supervisors/ Helpers and other staff, along with the Behavioral Certificate which includes past history and antecedent verification.

**29. Price Escalation/ De-escalation:**

- a. The unit rates shall remain firm during the validity of the Contract and no escalation of whatsoever nature shall be applicable, except in case of cumulative variation in diesel price beyond +/- Rs. 2 per liter.

b. If there is cumulative variation in average diesel price for the particular month by more than Rs. 2 per liter, we shall allow the variation in transportation rates by 0.50% for every 1% variation in diesel price. This variation includes all direct and indirect costs.

c. In case of any variation in diesel price, the base diesel price for the purpose of calculation shall be **Rs. 99.31 per liter as on 21.09.2026 at Bina. (Illustration as per attached Annexure-VII)**

30. Check point of Pre Entry Inspection are as under.

- A. Identification number marked and readable
- B. Manufacturer's Data Plate - present, clean and readable.
- C. Overhead Guard - no loose bolts or cracks.
- D. Axle Load/ safe working load
- E. On board 1 Kg ABC type fire extinguisher
- F. Main Horn/ Reverse Horn Working
- G. Head light/ Tail reverse light working
- H. Side indicator light working
- I. All hydraulic Hoses - No leak
- J. Fuel Tank, All Fuel pipes - No leak
- K. Battery Powered - plug connection, charge level, battery water level.
- L. Hydraulic oil level adequate
- M. Brake Fluid Level adequate
- N. Tires Air Pressure and Condition
- O. Dash Board Gauges working normal and indicate within normal range
- P. Parking break works properly
- Q. Brake - hold brake down for 10 seconds.
- R. Clutch - engages properly and smoothly.
- S. Steering Wheel - correct amount of tension, no excess free play.
- T. Load Chart For crane and forklift
- U. Over load indicator and Alarm
- V. Load chart for crane/ forklift
- W. Certificate of testing- lifting tool
- X. Certificate of fitness testing – RTO and PUC Certificate
- Y. Insurance policy papers
- Z. Others (As per work/ site requirement informed by Owner's Safety/ User dept.)

In addition to the checkpoints specified above, the Security Team of JBTPP reserves the right to introduce additional checkpoints and inspection requirements as deemed necessary based on site-specific operational and security requirements.

**Annexure-V**

**Schedule of Rate for Material Handling**

The Material Handling at Sites shall be executed by Contractor strictly as per the Owner's SOP, which is made as per Office Memorandum no. F. No. 22-13/2019-IA.III dated 28.08.2019 issued by MoEF & CC (Impact Assessment Division) & as directed by Owner's EIC without any deviation.

| <b>Description of Work: Providing services for "spreading, levelling, Dozing, watering &amp; compaction of Ash at Ash utilization site including soil covering"</b> |                                                                                                                                                                                                                                                                                       |                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <b>Estimated Quantity – as per site requirement</b>                                                                                                                 |                                                                                                                                                                                                                                                                                       |                           |
| <b>Sr.<br/>No.</b>                                                                                                                                                  | <b>Particulars</b>                                                                                                                                                                                                                                                                    | <b>Unit Rate (Rs./MT)</b> |
| 01                                                                                                                                                                  | Providing services for spreading, levelling, Dozing, watering & compaction of fly ash at the ash utilization site and soil layering with available soil (as per Owner's SOP) on the compacted fly ash layers and compaction of soil layers as directed by Owner's engineer-in-charge. |                           |

MT- Metric Ton

## **Annexure- VI**

### **Special Terms and Conditions (SCC) for Material Handling at Site**

#### **A] Securities:**

- b) The Contractor shall provide the Securities specified below in favor of the Owner at the times & in the amount, manner and form specified below.

#### **Contract Performance Bank Guarantee:**

- i. Contractor shall submit a Contract Performance Security (CPS), as a Security for the Performance of the Contract, in the form of a Contract Performance Bank Guarantee from Nationalized / Scheduled Bank (except from Co-operative Banks) for 10% value of the Total Contract Price. The Total Contract Price shall be calculated as  $C = A \times B$ , whereas A= Price, B= Total contract quantity and C=Total Contract Price.
- ii. The validity of the CPS shall be till the end of Completion Period. In case any extension is granted to this Contract, the validity of the CPS shall be extended accordingly.
- iii. The CPS will be forfeited if the Service is abandoned before Completion period as specified in the Contract due to the reasons attributable to Contractor.
- iv. The CPS shall be submitted within 10 days from the date of release of Contract, failing which JBTPP reserves the right to cancel the Contract or keep an amount equivalent to CPBG value on hold from the amount payable by the Owner to the Contractor.

#### **B] Terms of Payment:**

- a) 90% of the Contract Price along with 100% applicable Goods & Services Tax shall be released against monthly progressive running account (RA) bills on pro-rata basis within Thirty (30) days after receipt of bills. The bills shall be paid based on actual certified quantity and value passed by Owner's Engineer In-Charge.

The RA bills shall be prepared on the basis of the cumulative work completed till the end of the particular month where from the following shall be adjusted:

- i. Amounts due to Owner payable by Contractor.
- ii. The previous payments made.
- iii. Holds suggested by Owner's manager.
- iv. Statutory deductions (e.g. income tax, TDS etc.), if any.
- v. Other deductions, if any.

Contractor shall ensure submission of following documents prior to submission of 1st RA bill:

- i. Acceptance of the Contract.
- ii. Mobilization certificate certified by Owner's Engineer-In-Charge.
- iii. Copies of insurance policies as required under this Contract.

Payment shall be made against RA bills on submission of the following documents:

- v. Invoice (clearly indicating cross referencing the Contract item no.). Invoice should contain the Goods & Service Tax (GST) number and income tax pan number.
- vi. Inspection release note.
- vii. Measurement sheet duly approved by Owner's engineer-in-charge.

The payments certified through RA bills shall be treated as advance payments against the final bill.

The quantities of work certified by the RA bill shall not be considered as final and the same will not entitle Contractor to raise any claim, whatsoever.

- b) Balance 10% of the Contract price shall be paid after completion of Defect Liability Period.

- c) Submission of RA bills:

Three set of RA bills (1 original + 2 copy) shall be submitted to the Owner's manager.

- d) Please note that any certificates issued or payment released shall neither be considered as conclusive evidence of the satisfactory performance of the work/facilities covered under the Contract, either wholly or in part, nor shall any certificate or payment be construed as acceptance of defective or improper work/facilities or as relieving Contractor from their responsibility under this Contract.

- e) TDS: The applicable TDS will be deducted from the Contractor's bill amount.

**C] Tax & Duties/ TDS:**

- a) The Contract Price is inclusive of all taxes & duties except Goods & Service Tax (GST). GST shall be paid by Owner to Contractor on submission of documentary proof. [Presently GST is applicable @ 18% of total Contract price].
- b) The applicable TDS (e.g. Income Tax etc.) will be deducted from Contractor's Running & Final Bill amount.
- c) No other Taxes & Duties shall be paid by the Owner over and above the Taxes & Duties mentioned in this Contract.

- d) However, if within the stipulated period of the Works/ Facilities, there are any statutory changes in taxes and duties, the same shall be adjusted/ reimbursed by Owner suitably upon submission of authentic documents by the Contractor.

**D] Completion Period:**

The Contract Period shall be valid up to 31.03.2027 from the date of release of Contract.

**E] Liquidated Damage (LD):**

Not Applicable

**F] Defect Liability Period:**

The Defect Liability Period shall be for a period of Twelve (12) months from the date of Completion of individual site in all respect.

**G] Other Terms & Condition:**

1. All manpower, tools & tackles, machinery, equipment like excavators, JCBs, Rollers and water takers, dozer/ tractor dozers etc. as per the site requirements, fuel (HSD), consumables, safety gadget, PPE's etc. required for execution of job shall be in Contractor's scope.
2. Lodging, boarding, local conveyance & transportation of workmen shall be in Contractor's Scope.
3. All local liasioning during execution of work at various material handling sites shall be in the scope of Contractor.
4. Making of suitable approaches for executing works is deemed to be included in Contractor's Prices with no extra cost implication to Owner.
5. Water and Power at site shall be arranged by Contractor. Dewatering of any nature, required for the entire scope of works is included in the Scope and no additional payment shall be made by the Owner in this regard.
6. **Mode of measurement:** The transported quantity for the particular period shall be considered for billing and payment purpose. However, the billing quantity should be certified by Owner's engineer-in-charge (EIC) and bills shall be submitted along with inspection note & measurement sheet duly certified by EIC.
7. Site Repairing: Transporter who will be engaged for Transportation of fly ash and material handling at site has to execute the site repairing activities by deploying sufficient manpower and machinery.

8. After completion of the site, the Contractor shall arrange the spreading of grass seeds provided by the Owner's EIC on the reclaimed land without any additional cost. This shall be done subject to approval of land Owner.
9. Dedicated water tankers especially for preventing dust emission during execution of work at material handling sites and their approach roads has to be deployed by Transporter on as and when required basis. In case of non-compliance, the same shall be arranged by Owner separately and the cost of same incl. a penalty of Rs. 2000 per instance shall be recovered from the Transporter.
10. No idling charge shall be paid to the Contractor during the tenure of the Contract.
11. All equipment engaged for execution of work must be maintained and equipped with all mandatory safety requirements and fittings. Contractor shall be responsible for periodic RTO checking of equipment and vehicles and fulfilment of all RTO norms.
12. The expenses towards Fuel, Oil & Lubricants, HSD, Driver's Salary, Supervisors and helpers, Vehicle Maintenance, Insurance Charges, RTO Tax, PUC Charges, Municipal Taxes, License Fee, Registration Charge and other charges are in Contractor's scope.
13. Contractor will not deploy/ employ Minor persons (below 18 years) for attending this Work Order Jobs as per the Labour Act. Also, the maximum age of deployed manpower should be as per Owner's policy and Labour act. The contractor shall ensure that all their workmen shall be covered under ESIC/ WC policy and Contractor shall submit the related documents to Owner as required time to time.
14. The Transporter has to submit the Police Verification Certificate for all their Drivers/ Supervisors/ Helpers and other staff, along with the Behavioral Certificate which includes past history and antecedent verification.
15. Contractor's workmen shall be physically fit and a certificate of fitness shall have to be submitted by the Contractor to Owner's EIC.
16. In case of any safety rules violation, Contractor is liable to be fined as per attached Owner's Safety Requirement.
17. Irrespective of the item description, all the works required for the completion of the execution of the BOQ item/s have been considered by the Contractor and the rate quoted by them is confirming to the same. Claim for extra item shall not be considered on account of the item description.
18. The Contractor will perform the Services in a manner that gives appropriate regard to the protection of the natural environment.

19. The Contractor will comply with all Statutory & Regulatory requirements and codes of practices relating to the services being offered as may be relevant.

20. The Contractor will follow all Environmental Operational Controls while carrying out the activities within plant premises as per the instruction by user dept.

**21. Price Escalation/ De-escalation:**

- a) The unit rates shall remain firm during the validity of the Contract and no escalation of whatsoever nature shall be applicable, except in case of cumulative variation in diesel price beyond +/- Rs. 2 per liter.
- b) If there is cumulative variation in average diesel price for the particular month by more than Rs. 2 per liter, we shall allow the variation in transportation rates by 0.50% for every 1% variation in diesel price. This variation includes all direct and indirect costs.
- c) In case of any variation in diesel price, the base diesel price for the purpose of calculation shall be **Rs. 99.31 per liter as on 21.09.2026 at Bina. (Illustration as per attached Annexure-VII)**

**Annexure-VII**

**Illustration for Financial Implication of HSD Price Variation for Transportation of Fly Ash to various avenues**

**Billing Period: 01.12.2026 to 31.12.2026 (Say)**

| SI No. | Description                                                                                                                                                                                    | UOM           | Figures     |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|
| 1      | Diesel base rate as per Contract/ as per latest revision                                                                                                                                       | Rs/Ltr        | 99.31       |
| 2      | Average diesel rate on 31.12.2026 for the particular bill period and revised base rate of diesel for next billing cycle, only in case of variation is more than +/- Rs. 2 per ltr <b>(SAY)</b> | Rs/Ltr        | 101.81      |
| 3      | <b>Increase/ decrease in HSD rate (Sl. No. 2 - Sl. No. 1)</b>                                                                                                                                  | <b>Rs/Ltr</b> | <b>2.50</b> |
| 4      | Increase in % (Sl. No. 3 / Sl. No. 1 x 100)                                                                                                                                                    | %             | 2.52        |
| 5      | Unit rate slab wise as per Contract <b>(SAY)</b>                                                                                                                                               | Rs./ MT       |             |
| a      | 0 to 5 Kms                                                                                                                                                                                     |               | 40.00       |
| b      | More than 5 to 10 Kms                                                                                                                                                                          |               | 57.00       |
| c      | More than 10 to 15 Kms                                                                                                                                                                         |               | 85.00       |
| d      | More than 15 to 20 Kms                                                                                                                                                                         |               | 106.00      |
| e      | More than 20 to 25 Kms                                                                                                                                                                         |               | 124.00      |
| f      | More than 25 to 30 Kms                                                                                                                                                                         |               | 136.00      |
| g      | More than 30 to 35 Kms                                                                                                                                                                         |               | 155.00      |
| h      | More than 35 to 40 Kms                                                                                                                                                                         |               | 186.00      |
| i      | More than 40 to 45 Kms                                                                                                                                                                         |               | 202.00      |
| j      | More than 45 to 50 Kms                                                                                                                                                                         |               | 224.00      |
| k      | More than 50 to 55 Kms                                                                                                                                                                         |               | 242.00      |
| l      | More than 55 to 60 kms                                                                                                                                                                         |               | 259.00      |
| m      | More than 60 to 70 Kms                                                                                                                                                                         |               | 293.00      |
| n      | More than 70 to 80 Kms                                                                                                                                                                         |               | 328.00      |
| o      | More than 80 to 90 Kms                                                                                                                                                                         |               | 350.00      |
| p      | More than 90 to 100 Kms                                                                                                                                                                        |               | 381.00      |
| q      | More than 100 to 150 Kms                                                                                                                                                                       |               | 489.00      |
| r      | More than 150 to 200 Kms                                                                                                                                                                       |               | 570.00      |
| s      | More than 200 to 250 Kms                                                                                                                                                                       |               | 685.00      |
| t      | More than 250 to 300 Kms                                                                                                                                                                       |               | 800.00      |
| 6      | Revised unit rate for the quantity executed in billing period & for next billing cycle ((Sl. No. 5 x 0.50% x Sl. No. 4) + Sl. No. 5)                                                           | Rs./ MT       |             |
| a      | 0 to 5 Kms                                                                                                                                                                                     |               | 40.50       |
| b      | More than 5 to 10 Kms                                                                                                                                                                          |               | 57.72       |
| c      | More than 10 to 15 Kms                                                                                                                                                                         |               | 86.07       |
| d      | More than 15 to 20 Kms                                                                                                                                                                         |               | 107.33      |
| e      | More than 20 to 25 Kms                                                                                                                                                                         |               | 125.56      |
| f      | More than 25 to 30 Kms                                                                                                                                                                         |               | 137.71      |
| g      | More than 30 to 35 Kms                                                                                                                                                                         |               | 156.95      |
| h      | More than 35 to 40 Kms                                                                                                                                                                         |               | 188.34      |
| i      | More than 40 to 45 Kms                                                                                                                                                                         |               | 204.54      |
| j      | More than 45 to 50 Kms                                                                                                                                                                         |               | 226.82      |
| k      | More than 50 to 55 Kms                                                                                                                                                                         |               | 245.05      |
| l      | More than 55 to 60 kms                                                                                                                                                                         |               | 262.26      |
| m      | More than 60 to 70 Kms                                                                                                                                                                         |               | 296.69      |
| n      | More than 70 to 80 Kms                                                                                                                                                                         |               | 332.13      |
| o      | More than 80 to 90 Kms                                                                                                                                                                         |               | 354.41      |
| p      | More than 90 to 100 Kms                                                                                                                                                                        |               | 385.80      |
| q      | More than 100 to 150 Kms                                                                                                                                                                       |               | 495.15      |
| r      | More than 150 to 200 Kms                                                                                                                                                                       |               | 577.17      |
| s      | More than 200 to 250 Kms                                                                                                                                                                       |               | 693.62      |
| t      | More than 250 to 300 Kms                                                                                                                                                                       |               | 810.07      |

|    |                                                                                                      |     |            |
|----|------------------------------------------------------------------------------------------------------|-----|------------|
| 7  | Actual quantity executed in the billing cycle in various slabs (SAY)                                 | MT  |            |
| a  | 0 to 5 Kms                                                                                           |     | 200        |
| b  | More than 5 to 10 Kms                                                                                |     | 5000       |
| c  | More than 10 to 15 Kms                                                                               |     | 10000      |
| d  | More than 15 to 20 Kms                                                                               |     | 15000      |
| e  | More than 20 to 25 Kms                                                                               |     | 15000      |
| f  | More than 25 to 30 Kms                                                                               |     | 12000      |
| g  | More than 30 to 35 Kms                                                                               |     | 5000       |
| h  | More than 35 to 40 Kms                                                                               |     | 4000       |
| i  | More than 40 to 45 Kms                                                                               |     | 3000       |
| j  | More than 45 to 50 Kms                                                                               |     | 2000       |
| k  | More than 50 to 55 Kms                                                                               |     | 1000       |
| l  | More than 55 to 60 kms                                                                               |     | 100        |
| m  | More than 60 to 70 Kms                                                                               |     | 500        |
| n  | More than 70 to 80 Kms                                                                               |     | 500        |
| o  | More than 80 to 90 Kms                                                                               |     | 500        |
| p  | More than 90 to 100 Kms                                                                              |     | 500        |
| q  | More than 100 to 150 Kms                                                                             |     | 500        |
| r  | More than 150 to 200 Kms                                                                             |     | 500        |
| s  | More than 200 to 250 Kms                                                                             |     | 500        |
| t  | More than 250 to 300 Kms                                                                             |     | 500        |
| 8  | Total bill amount for the billing cycle slab wise i.e. from 01.12.2026 to 31.12.2026 (Sl. No. 6 x 7) | Rs. |            |
| a  | 0 to 5 Kms                                                                                           |     | 8,100      |
| b  | More than 5 to 10 Kms                                                                                |     | 288,600    |
| c  | More than 10 to 15 Kms                                                                               |     | 860,700    |
| d  | More than 15 to 20 Kms                                                                               |     | 1,609,950  |
| e  | More than 20 to 25 Kms                                                                               |     | 1,883,400  |
| f  | More than 25 to 30 Kms                                                                               |     | 1,652,520  |
| g  | More than 30 to 35 Kms                                                                               |     | 784,750    |
| h  | More than 35 to 40 Kms                                                                               |     | 753,360    |
| i  | More than 40 to 45 Kms                                                                               |     | 613,620    |
| j  | More than 45 to 50 Kms                                                                               |     | 453,640    |
| k  | More than 50 to 55 Kms                                                                               |     | 245,050    |
| l  | More than 55 to 60 kms                                                                               |     | 26,226     |
| m  | More than 60 to 70 Kms                                                                               |     | 148,345    |
| n  | More than 70 to 80 Kms                                                                               |     | 166,065    |
| o  | More than 80 to 90 Kms                                                                               |     | 177,205    |
| p  | More than 90 to 100 Kms                                                                              |     | 192,900    |
| q  | More than 100 to 150 Kms                                                                             |     | 247,575    |
| r  | More than 150 to 200 Kms                                                                             |     | 288,585    |
| s  | More than 200 to 250 Kms                                                                             |     | 346,810    |
| t  | More than 250 to 300 Kms                                                                             |     | 405,035    |
| 9  | Total of Sl. No. 8                                                                                   | Rs. | 11,152,436 |
| 10 | Total variation due to diesel escalation                                                             | Rs. | 138,536    |

**Annexure-VII**

**Illustration for Financial Implication of HSD Price Variation for Material Handling at Various Sites**

**Billing Period: 01.12.2026 to 31.12.2026 (Say)**

| <b>SI No.</b> | <b>Description</b>                                                                                                                                                                             | <b>UOM</b>    | <b>Figures</b> |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| 1             | Diesel base rate as per Contract/ as per latest revision                                                                                                                                       | Rs/Ltr        | 99.31          |
| 2             | Average diesel rate on 31.12.2026 for the particular bill period and revised base rate of diesel for next billing cycle, only in case of variation is more than +/- Rs. 2 per ltr <b>(SAY)</b> | Rs/Ltr        | 101.81         |
| 3             | <b>Increase/ decrease in HSD rate (Sl. No. 2 - Sl. No. 1)</b>                                                                                                                                  | <b>Rs/Ltr</b> | <b>2.50</b>    |
| 4             | Increase in % (Sl. No. 3 / Sl. No. 1 x 100)                                                                                                                                                    | %             | 2.52           |
| 5             | Unit rate slab wise as per Contract <b>(SAY)</b>                                                                                                                                               | Rs./ MT       | 32.00          |
| 6             | Revised unit rate for the quantity executed in billing period & for next billing cycle ((Sl. No. 5 x 0.50% x Sl. No. 4) + Sl. No. 5)                                                           | Rs./ MT       | 32.40          |
| 7             | Actual quantity executed in the billing cycle in various slabs <b>(SAY)</b>                                                                                                                    | MT            | 50000          |
| 8             | Total bill amount for the billing cycle slab wise i.e. from 01.12.2026 to 31.12.2026 (Sl. No. 6 x 7)                                                                                           | Rs.           | 1,620,000      |

|           |                                                 |            |               |
|-----------|-------------------------------------------------|------------|---------------|
| <b>10</b> | <b>Total variation due to diesel escalation</b> | <b>Rs.</b> | <b>20,000</b> |
|-----------|-------------------------------------------------|------------|---------------|

**Annexure-VII**

**Illustration for Financial Implication of HSD Price Variation for excavation and loading of pond Ash**

**Billing Period: 01.12.2026 to 31.12.2026 (Say)**

| <b>SI No.</b> | <b>Description</b>                                                                                                                                                                             | <b>UOM</b>    | <b>Figures</b> |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| 1             | Diesel base rate as per Contract/ as per latest revision                                                                                                                                       | Rs/Ltr        | 99.31          |
| 2             | Average diesel rate on 31.12.2026 for the particular bill period and revised base rate of diesel for next billing cycle, only in case of variation is more than +/- Rs. 2 per ltr <b>(SAY)</b> | Rs/Ltr        | 101.81         |
| 3             | <b>Increase/ decrease in HSD rate (Sl. No. 2 - Sl. No. 1)</b>                                                                                                                                  | <b>Rs/Ltr</b> | <b>2.50</b>    |
| 4             | Increase in % (Sl. No. 3 / Sl. No. 1 x 100)                                                                                                                                                    | %             | 2.52           |
| 5             | Unit rate slab wise as per Contract <b>(SAY)</b>                                                                                                                                               | Rs./ MT       | 15.00          |
| 6             | Revised unit rate for the quantity executed in billing period<br>((Sl. No. 5 x 0.50% x Sl. No. 4) + Sl. No. 5)                                                                                 | Rs./ MT       | 15.19          |
| 7             | Actual quantity executed in the billing cycle in various slabs <b>(SAY)</b>                                                                                                                    | MT            | 50000          |
| 8             | Total bill amount for the billing cycle slab wise i.e. from 01.12.2026 to 31.12.2026 (Sl. No. 6 x 7)                                                                                           | Rs.           | 759,500        |
| <b>10</b>     | <b>Total variation due to diesel escalation</b>                                                                                                                                                | <b>Rs.</b>    | <b>9,500</b>   |

## Safety management Scope of Work for AUC Activities

(Transportation of Ash, Handling of Ash and Excavation of Ash from Dyke)

### **Safety Requirements**

The Employer is committed to achieve its goal of 'zero' - zero fatality, zero injuries and zero excuses. In order to achieve this, every Contractor is responsible and accountable to ensure zero tolerance to any violation with respect to the safety protocols of the Employer. In the process of undertaking the Scope of Work, the Contractor shall ensure strict compliance with applicable safety standard requirements and all business specific standards or procedures as may be provided by the Employer.

In the event of any inconsistency between the provisions stipulated herein and the requirements specified in any other documents provided by the Employer, the provisions stipulated herein shall prevail, to the extent of such inconsistency. Critical safety requirements which are required to be complied by the Contractor are as follows:

#### **1. Work at Height (W@H)**

The Contractor shall perform W@H, which shall ensure that:

(a) Height works above one point eight (1.8) meters have safe access, egress, and safe working platform provided by Employer. Otherwise, people shall be secured through use of full body harness with double lanyard including shock absorber and sufficient strengthened lifeline support of existing platform while carrying out the tarpaulin covering activity (Full body harness to be provided by Contractor).

#### **2. Barricades and Signs**

2.1. The Contractor shall furnish, caution boards Infront/nearby were excavation activity taken place. Clear visible caution board shall be installed nearby every machine. (Indication of stay away from swing area)

#### **3. Excavation and pond ash loading**

3.1. Minimal precautions required are:

(a) provision of high visibility jacket for persons exposed to traffic.

(b) remove or stabilize all surface impediments including by way of removal of loose rock or soil or ash that could fall and create hazards to persons.

(d) keep spoil dirt and any material or equipment that may fall into an excavation at least one point five (1.5) meter from the edge.

(e) Excavated pits deeper than one point five (1.5) meters will have a maximum height of vertical wall of one point five (1.5) meters with sloped edges at forty-five degrees (45°).

(f) protect, support, or remove underground installations (e.g., electrical ducts, water lines, sewer lines, or fire lines).

(g) prohibit personnel from working or passing under the loads of lifting or digging equipment inside the pit.

(h) that no worker shall be allowed to work alone in a trench at any time.

#### **4. Machine Guarding**

4.1 Contractor shall be responsible for ensure guarding of rotating machines adequately to prevent exposure of personal

#### **5. Motor Vehicle**

5.1. All motor vehicles to be used in the performance of the Scope of Work shall be strictly fit for the purpose. Following must be ensured:

a valid driving license and vehicle insurance, adequate road worthiness (vehicles less than ten (10) years old for heavy vehicle and less than five (5) years

Good tyre, engine condition, working front and back lights, horn and reverse horn, three (3) way mirrors, registration number clearly visible, good body condition, good brake system, fail safe brake system, retractable three (3) point seat belt for driver and other.

The driver shall not be less than twenty-five (25) years of age with minimum of five (5) years of driving experience (For the class of vehicle required to drive) with good eyesight. Drivers shall not be allowed to drive for more than twelve (12) hours.

5.2. Transportation of passengers shall only be permitted in the passenger compartment of vehicles. All the passengers and driver shall use seat belt irrespective of their sitting position and the driver shall not be driving using mobile phone or under influence of alcohol, drugs or any other narcotic or hallucinogenic substance.

5.3. The driver shall not exceed the posted speed limit. The speed limit on the Site for construction vehicles/ cranes is Twenty (20) km/h.

5.4. Tractors (with trailer/ tanker) shall be driven at a speed of less than twenty (20) KMPH or should have fitted speed governors, should have four (4) wheeled tanker with capacity more than five thousand (5000) liters. The tractor trolley connector pin (coupling) should be either auto-disconnector type or three sixty-degree (360) rotation type. Contractors shall ensure Seat belt is installed in Tractor.

5.5 In case of use of Dumpers with data box and hydraulic system, it shall have installed Body Raised Alarm system, Load cell, Inclino meters, if possible.

5.6 All motor vehicles used shall have fire extinguishers, First aid box and metallic wheel chokes available with the vehicle.

## **6. Heavy Earth Moving Equipment (HEME)**

6.1. All HEME supplied or used at the Sites by contractor shall have all mandatory attributes for safe operation including, automatic reverse alarm, fire extinguisher, functional wipers, illumination lamp etc.

Operators must be trained sufficiently for keeping it away from over-head power line, not allowing anybody within 10 m radius from the vehicle. Driver shall be required to stop engine and come-out from cabin for any discussion. Wearing all PPEs, movement against edge from trenches / excavated area, parking the vehicle with all levers in locked condition and daily and periodic inspection by the operator shall be mandatory and should be trained accordingly.

## **7. Access Control Security System**

The Contractor shall be responsible to provide valid identity card as approved by the Employer's site team to its personnel. This should indicate basic detail about the Contractor's personnel. These should be issued only when the Contractor's personnel have attended safety orientation / induction and passed health screening.

## **8. Personnel Access, Vehicle and Material/Equipment Movement Control**

8.1. All personnel, vehicles and materials moving in and out of the Site shall move only through the designated security check points.

8.2. All personnel must register their ingress and egress by going through the security checkpoint to ensure that they are accounted for.

8.3. Materials/equipment moving in and out of the Site shall be accompanied by approved gate pass.

8.4. All personnel bringing their property such as personal computers, tools, equipment and samples must declare at the security check points using the Material/Equipment Gate Pass before entering the Site.

8.5. Approval will be required from the authorized signatories before bringing out any personal property from the Site which was not previously declared at the security checkpoints.

## **9. Education and Training**

9.1. All Contractors, and Subcontractors are required to attend Site safety orientation/induction training (Level 1 & Level 2), prior to entry to the Site.

9.2. The information provided during the orientation shall include:

(a) Job rules, personal safety and conduct.

(b) Life Saving Safety Rules, hazards reporting.

(c) reporting of injuries/pre-existing conditions; emergency procedures.

(d) working with chemicals.

(e) firefighting.

(f) safety activities and program including disciplinary measure and incentives

—  
(g) Contractor shall ensure all his workforce undergo the mandatory safety training as per employer's requirements.

## **10. Site and job specific training shall be imparted as per the Specifications.**

### **11. Appointment of Safety Resources, Supervisors and Safety Stewards**

11.1. The Contractor shall appoint necessary and agreed competent safety resources for the job, if applicable.

The Contractor shall ensure availability of one experienced safety supervisor in case of up to one hundred (100) deployed personnel and an additional safety supervisor for personnel numbering between one hundred (100) and two hundred (200).

However, if deployed personnel are more than two hundred (200), then a minimum of one Qualified safety officer is required to be deployed and for every additional one hundred (100) personnel, an additional safety supervisor shall be required. Safety officer to be deployed either separately or jointly.

The Contractor should also deploy trained safety stewards at the rate of one for every fifty (50) personnel for ensuring safety vigilance.

### **12. Supervisor's Role in Worker's Orientation**

12.1. The attitude of personnel toward accident prevention depends a great deal upon the attitude of the supervisor and therefore the following action steps shall be taken as a part of the supervisor's orientation of a new worker:

(a) Ask about last job and describe the new job.

(b) Show worker around work area.

(c) point out hazards.

(d) introduce worker to others and describe basic rules.

(e) procure history of previous training

(f) Give worker a test run on tools and equipment.

(g) monitor new personnel's safety, health and environmental performance.

(h) provide coaching where necessary; and

(i) check back to see how the worker is progressing.

- (j) To carry out Toolbox talks/~~Explain~~ JSA, Maintain & Submit records of the same to Employers Safety Dept

12.2. The Contractor shall establish systems to check competency of skilled worker / supervisors.

### **13. Pre-Employment Site Personnel**

Contractor shall ensure appointment of personnel for the Site (engineers/ supervisor/ and skilled/ semiskilled/ unskilled tradesmen) based on such personnel's previous performance and background.

The said personnel shall possess the desired licenses issued by the governmental authorities or competent person, driving (LMV/HMV), equipment operators or any other as per statutory requirement.

### **14. Pre- Employment Medical check up**

14.1. The Contractor shall carry out a pre-employment medical check-up for all its personnel and shall be able to produce the certificate of fitness to the Employer prior to the deployment of such personnel at Site. The Contractor shall also organize periodical medical check-up (six monthly) for the following category persons:

(a) drivers and equipment operator: check for vision and hearing.

(b) height workers: check for vision, hearing, vertigo, and acrophobia.

### **15. Personal Protective Equipment (PPEs) Protocol**

15.1. The Contractor shall ensure availability and use of suitable quality personal protective equipment to its personnel. Use of safety helmets, safety shoes, high visibility jackets and safety eye wear shall be mandatory.

15.2. All the PPEs used by the personnel shall, at all times, be in accordance with at least one of the following internationally recognized standards: (i) ANSI; (ii) ISO; (iii) BS; (iv) IS or (v) EU.

The Contractor shall take prior approval of the Employer, for any deviation in the PPE standards proposed to be used for the performance of the Scope of Work.

### **16. Safety Awareness Campaign/ Program**

16.1. The Contractors are encouraged to organize safety promotional programs in support of the Employer's program. The Employer's team at Site shall provide the appropriate emergency rescue, first aid and medical staff, facilities and procedures necessary to respond to anticipated onsite emergencies.

## **17. Medical/First Aid Treatment**

17.1. The Contractor shall maintain first aid box and/or medical Centre as per statutory requirement and shall have a tie-up with nearby good specialty hospital to manage medical emergencies. A medical attendant shall administer first-aid care to injured personnel using established standards of practice, or as directed by the local consulting physician. When an injury occurs at the Site and requires treatment beyond the limits of the medical attendant, the Contractor shall ensure that such personnel is transported to the nearest hospital.

17.2. If the Employer has a first-aid Centre and other similar facilities at the Site, the Employer may, at its option, make available such facilities for the treatment of the Contractor's personnel, who have been injured or have become ill while being engaged in the performance of the Scope of Work.

## **18. Accident Investigation and Reporting**

18.1. The Employer's policy requires that all incidents and environmental releases, regardless of severity, are reported immediately to the Employer's project manager and safety manager first by verbal and then by a written "preliminary" First Incident Report (FIR). Subsequently, a joint written investigation should be conducted by incident investigation team, with an initial report issued in writing within twenty four (24) hours, even where no injuries occur.

18.2. Where the actual or potential severity of the incident or behavior is significant or occurs frequently, the Project Head shall appoint a committee to investigate, the accident/incident, verifying the information and complete a root cause analysis. All corrective actions shall be carried out, monitored by the project/construction SHE Department and initialed/dated on the original report.

## **19. Contractor Inspections and Audits**

19.1. The Contractor/Subcontractors' supervisors are responsible for ensuring that regular inspections are made of work areas / activities.

## **20. Contractor Safety Assurance Audit**

20.1. Inspection reports shall be forwarded to the respective project manager and to Contractor's site management for corrective actions. The respective Contractor site management must take immediate corrective actions as may be required.

## **23. Daily/Periodic Safety Inspection**

23.1. The Contractor and Site supervisors shall conduct routine periodic safety inspections and monitoring. Inspections shall make note of; unsafe acts/conditions observations and corrections, equipment, covering activity etc.

## **24. Safe-Work Practice Assessments**

24.1. The Contractor and Site supervisors shall conduct periodic assessments of compliance with site safety practices and procedures to ensure that such site safety practices and procedures are effective and are being followed.

## **25. Housekeeping Guidelines**

25.1. The Contractors shall be responsible for maintaining very high standard of housekeeping including clearly defined walkways, keeping clean unobstructed pathway free of tripping hazards, prohibit storage of materials and equipment in aisles, posting signs or barricades to warn tripping or slipping hazards, having well-marked first aid/assembly points and not allowing loose material at height (placing them in cage/box).

### **(a) Storage Areas**

The Contractor shall clearly identify purpose of area and define boundary by barricades, provide adequate size as per provision and discourage excess material and equipment. All material shall be stored in a neat, safe and orderly fashion with proper labelling.

### **(b) Trash removal plan**

All Contractors shall ensure that trash is removed, accumulated and dumped at the designated disposal area on a daily basis. Collected trash and bins shall be cleared once a week to identified dumping area. No trash shall be thrown from height and shall be handled through a chute. As a best practice, the Employer appreciates the concept of "generator should be the cleaner".

### **(c) Rest Rooms and Drinking Water**

Keep toilet facility and drinking water in a hygienic manner provided by employer.

## **29. General**

29.1. The Contractor shall provide proper illumination at the work location as per the statutory requirements and/or the requirements of the Employer.

29.2. Labour Camp (if applicable): The Contractor shall, and shall procure that its personnel shall, ensure compliance with the requirements pertaining to health and sanitation, including requirement of maintaining hygiene on Site. The Contractor shall be responsible to comply with all the statutory EHS requirements inside the labour camp.

## **30. Reward and Damages for Safety Violations**

30.1. In case of any violation by the Contractor with respect to the safety requirements specified herein, the Employer can levy the following liquidated damages:

(a) Violation with respect to lack of valid gate-pass, basic PPEs and/or other traffic violations: Indian Rupees One Thousand Only (INR 1000) per violation.

(b) Violation with respect to work at height, excavation, hot jobs, barricading, heavy motor vehicle, crane: Indian Rupees Ten Thousand Only (INR 10000) per violation with a ceiling of Indian Rupees One Lakh Only (INR 1,00,000) per contract exceeding which the Employer can terminate the Contract.

(c) Fatal accident: Indian Rupees Fifteen Lakhs Only (INR 15,00,000) or five percent (5%) of the SO Price, whichever is less, for the first fatality and Indian Rupees Twenty Lakhs Only (INR 20,00,000) or five percent (5%) of the SO Price, whichever is less, for the second fatality. For any further fatalities, the Employer may at its discretion levy appropriate damages or may choose to terminate the SO Documents/SO at the risk and cost of the Contractor.

(d) Lost time injury (on 24 hours basis) or non-reporting of incidents: Indian Rupees Fifty Thousand Only (INR 50,000) for each lost time injury or incident not reported.

(e) Serious (grievous) injury, such as loss of limb or a loss of more than twenty one (21) man-days: Indian Rupees Five Lakhs (INR 5,00,000) or five percent (5%) of the SO Price, whichever is less, for the first grievously injured person; and Indian Rupees Seven Lakhs (INR 7,00,000) or five percent (5%) of the SO Price, whichever is less, for every subsequent grievously injured person. For the purpose of levying these damages, "grievous injury" shall have the meaning ascribed to the term in the Employee's Compensation Act, 1923.

(f) Dangerous occurrences: Indian Rupees One Lakh (INR 1,00,000) or five percent (5%) of the SO Price, whichever is less, for the first violation and Indian Rupees Two Lakh (INR 2,00,000) or five percent (5%) of the SO Price, whichever is less, for subsequent violations.

(g) Procedural violation, including absence of method statement, staging and shuttering plan, concreting plan, erection/dismantling plan or non-compliance with any statutory requirement: Indian Rupees Fifty Thousand (INR 50,000) or zero-point zero five percent (0.05%) of the SO Price.

(h) Any incident involving injury to a member of the public: Indian Rupees Fifty Thousand (INR 50,000) or five percent (5%) of the SO Price, whichever is less for first violation and Indian Rupees One Lakh (INR 1,00,000) or five percent (5%) of the SO Price, whichever is less, for subsequent violations.

30.2. There will be a reward system for reporting and correcting UA/UC/NM cases, achievement of targeted severity index and excellent contribution in maintaining safety and housekeeping.

**Job Specific List of PPE/ Equipment/ Safety Manpower etc.**

| <b>Sr. No.</b> | <b>Particulars</b>                                                                                                       | <b>UOM</b> | <b>Qty.</b> | <b>Frequency, if any</b> | <b>Transportation</b> | <b>Material Handling</b> | <b>Pond Loading</b> | <b>Remarks</b>        |
|----------------|--------------------------------------------------------------------------------------------------------------------------|------------|-------------|--------------------------|-----------------------|--------------------------|---------------------|-----------------------|
| <b>A)</b>      | <b>Safety Equipment &amp; Consumables</b>                                                                                |            |             |                          |                       |                          |                     |                       |
| 1              | Full body harness with double lanyard including shock absorber For 6 nos tarpaulin covering stand inside plant           | Nos        | 6           | Quarterly                | Yes                   | No                       | No                  | -                     |
| 2              | Clear, visible "Stay away from swinging body" warning signage board/ flex board Each per excavation Or any other machine | Nos        | 2           | Half Yearly              | No                    | Yes                      | Yes                 | Two nos per Equipment |
| <b>B)</b>      | <b>Safety Manpower (Officer)</b>                                                                                         | <b>Nos</b> | <b>1</b>    | <b>-</b>                 | <b>1</b>              |                          |                     |                       |

**Note: The above list is other than Mandatory 7 PPEs (i.e. Safety Helmet, Safety Shoes, Reflective Jackets, Ear Plug, Nose Mask, Goggles, Hand Gloves) which needs to be provided by Contrcator through the Contract period to their manpower.**

| Machine Deployment Plan (MDP) |                               |                        |
|-------------------------------|-------------------------------|------------------------|
| Sr. No.                       | Particular                    | Quantity<br>in Numbers |
| 1                             | Tippers (10 wheeler)          |                        |
| 2                             | Tippers (12 wheeler)          |                        |
| 3                             | Tippers (14 wheeler)          |                        |
| 4                             | Tippers (16 wheeler)          |                        |
| 5                             | Bulkers                       |                        |
| 6                             | Excavator (Ex 200/210)        |                        |
| 7                             | JCB (3DX/ 4DX)                |                        |
| 8                             | Water Tanker (5 KL)           |                        |
| 9                             | Water Tanker (12 KL)          |                        |
| 10                            | Static Rollers                |                        |
| 11                            | Vibro Rollers                 |                        |
| 12                            | Tractor Dozer                 |                        |
| 13                            | Dozer D80                     |                        |
| 14                            | Any other Manchine/ Equipment |                        |