

**Specifications****For****Lifting, transportation & unloading of fly ash to Road Project sites****from****6x660 MW Sasan Ultra Mega Power Project (SUMPP)****at****Sasan, Gram Siddhikhurd, Dist-Singrauli, Madhya Pradesh.****Doc. No. SPL/Tech/Logistics/01**

PROJECT: 6x660 MW Sasan Ultra Mega Power Project (SUMPP)

DOCUMENT TITLE: Lifting, transportation & unloading of fly ash to Road Project sites

DOCUMENT NO.: **SPL/Tech/Logistics/01**

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**Index sheet**

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## Section no. 1

### 2.1 General Information

#### 1.1.1 SITE LOCATION

**Sasan Power Ltd (SPL)**, wholly owned subsidiary of Reliance Power Limited, has developed 6x660 MW Sasan Ultra Mega Power Project (SUMPP) at Sasan, Gram Siddhikhurd, Dist-Singrauli, Madhya Pradesh.

#### 1.2 Intent of specification

This specification is intended for lifting of 6 lakh tons of fly ash “ on free of cost basis” from ash silos of SUMPP, transportation & unloading of fly ash in closed trucks at the Sidhi Singrauli Road Project NH75E (hereinafter called as “Road Project sites”) at following locations.

<b>S N</b>	<b>Chainage</b>	<b>Location &amp; address for shipment of ash</b>	<b>Qty (Ton)</b>	<b>Approx Distance</b>
1	165+868	Kasar, Tehsil-Chitrangi, District-Singrauli, Pin- 486892	180000	50 KM
2	168+952	Kasar, Tehsil-Chitrangi, District-Singrauli, Pin- 486892	240000	50 KM
3	178+252	Morwa, Tehsil-Singrauli, District-Singrauli, Pin- 486889	180000	40 KM
	<b>Total</b>		<b>600000</b>	

#### 1.3 Qualifying requirements

In order to qualify for this Tender, the bidder should have the following experience in his own name supported by proof of Contract / Work Order/Work completion certificate which must form part of the Bid and also provide the satisfactory evidence concerning the following: -

- a) The bidder has undertaken logistics operations of similar magnitude i.e. the total tonnage should not be not less than 75000 MT for any single project successfully in his own name directly from Flyash source to project sites. Sub-Contracted work orders shall not be held valid for this tender.

- b) Bidders must prove ownership of minimum 15 closed trucks / bulkers of at least 15 Ton net carrying capacity and permitted as per prevailing rules for transportation of fly ash by the relevant authorities, to execute this Project. Bidder to submit documents of ownership of these bulkers in his own name as well as fitness certificate of these bulkers.
- c) Bidder shall be very well informed about the procedural and documents requirement for such works.
- d) Should have owned / have hired / leased major Mechanical T&P to be used for the work under the scope.
- e) Bidder should have sound financial background and shall submit with the bid the balance sheet of the company for past three years.
- f) Bidder should have experience in fly ash Transportation in closed trucks/bulkers with capability to transport dry fly ash.

**1.4 Selection of bidder**

The bidder quoting lowest transportation cost with no deviation to the terms & conditions stipulated in the RFP documents will be selected as a successful bidder.

**1.5 Contract Duration and Completion period**

Completion period shall be 27 weeks (~ 7 months) from NTP and the Work order shall be valid for **12 months** from the date of Notice To Proceed (NTP). If required, the contract may be extended on existing terms and conditions and mutually agreed rates after completion time of 12 months.

**Section no. 2**

**2.1 Scope of work**

The “Scope of work” shall be on the basis of bidder’s seamless responsibility completely covering lifting of 6 lakhs tons of fly ash in closed trucks/bulkers from fly ash silos of SUMPP and transportation and unloading the same to Road project sites and any other supporting service are covered under this tender whether implicit or explicit. Bids not covering the entire “Scope of work” shall be treated as incomplete and shall be liable for rejection.

**The scope of work will consist of but shall not be limited to the following:**

- 2.1.1. Bidder scope would be of loading of the fly ash, which will be issued on “Free of Charge Basis”, into the bulkers/covered trucks from the ash silos of SUMPP and transporting it to Road Project sites as per Government prevailing rules/regulations to the satisfaction of SPL’s officials, local administrative authorities.
- 2.1.2. Bidder shall deploy sufficient number of closed truck/bulkers for fast loading, transportation & unloading of the contracted quantity of fly ash.
- 2.1.3. Bidder shall also specify the type and number of closed truck/bulkers which will be used for this operation.
- 2.1.4. The bidder may conduct a route survey and adopt a more cost and time effective option for Fly ash delivery. Route survey shall ensure the shortest route however the safety of the material shall be the main criteria.
- 2.1.5. Distribution of loads on bridges and culverts on the way shall be as per the statutory norms and wherever required bidder shall carryout the strengthening or making diversions of these bridges, culverts and roads within the finally agreed contract value.
- 2.1.6. Traffic diversion measures as may be required to ensure the safe delivery of consignment to site, shall be done by bidder.
- 2.1.7. Bidder shall be responsible to take care of side and overhead clearance while traveling through densely populated towns and cities on the route. Passing through these places shall be avoided while selecting the route.
- 2.1.8. Bidder shall be responsible for coordinating with all agencies including but not limited to MPCB, legal, statutory, regulatory authorities, insurance, local bodies, etc.
- 2.1.9. Liaison and coordination with the agencies like PWD/ /CPWD, state electricity board, Railways, Communication Department, P&T, traffic, Police Department and other

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authorities, including private parties / persons if any. Bidder shall obtain all clearance from these and other agencies, which may be necessary for transportation of fly ash from SUMPP to Road project sites.

- 2.1.10. In the event of non conformance with the Contract leading to pre-mature termination of Contract due to Bidder's default, the Owner reserves the right to encash the Contract Performance Bank Guarantee in addition to non payment of Bidder's invoices pending as on that date.
- 2.1.11. Bidder shall be allowed to use only those T&P and hardware, which is reasonably new and in excellent working condition, tested for safe operation and adequate in capacity and size. The bidder shall also submit along with the bid, the proof of owning / tie up with owning agency, for the major T&Ps.
- 2.1.12. T&Ps to be used for shall have valid fitness certificate. All closed trucks/bulker to be put in to use shall have required documents issued by government road transport authorities.
- 2.1.13. Bidder shall ensure timely and continuous out flow of flyash from SUMPP and transportation of the same to Road Project site. Any demurrage or associated costs due to delay in placement of trucks for loading of fly ash from SUMPP or unloading at Road Project site must be avoided and if still liable, will be to the bidder's account.
- 2.1.14. Before lifting the fly ash from the ash silos of SUMPP, bidder would weigh the tare weight of closed truck/bulker/tankers on the SPL's weigh bridge and subsequent to filling of ash by the representative of the bidder(s) from ash silos, bidder would ensure that the closed truck/bulker/tankers would be again weighed at SPL's weigh bridge to determine actual quantum of ash lifted before taking the same outside SPL's plant premises
- 2.1.15. Handling at source i.e SUMPP and transporting of flyash to Road Project sites shall be done in a very strict time schedule and as per good workman's practice. Demurrage or any other such cost, if any, due to insufficient mobilization or any other controllable factor, shall be in bidder account.
- 2.1.16. Bidder shall prepare all the necessary documents in required number of copies to accompany with the closed truck/ bulkers while leaving for Road Project sites from the SUMPP to ensure smooth transportation without hindrance from any govt. or local agency on the way.
- 2.1.17. Bidder is expected to ensure the required manpower, tools and tackles at all the places where such activities are to be carried out as per the Loading/ Unloading Schedules provided to them

- 2.1.18. Any non-specific service item, which is necessary for satisfactory completion of the work under the scope, shall be deemed to be included in scope of work.
- 2.1.19. All necessary statutory, legal and safety requirements shall have to be satisfied by the bidder and the bidder shall indemnify SPL from any liability on any account caused due to non compliance of statutory, legal and safety norms of the Government of India or any of the states through which the Vehicles / truck passes through.
- 2.1.20. Bidder shall also coordinate in damage assessment / certification, reporting, lodging first information report with local government authorities. For fully securing the rights of the insurer, bidder shall arrange and coordinate with all concerned including insurance surveyor and shall take all necessary steps at once.
- 2.1.21. Bidder will be liable towards the owner for any consequence arising from the fact that the regulations are not adhered to including for insurance requirement.
- 2.1.22. Bidder shall be responsible to meet all statutory and lawful requirement of land applicable in carrying out the above operations and shall have to indemnify the Owner, project manager towards the same.
- 2.1.23. The Transporter shall use every reasonable means to prevent any of the highways and bridges and waterways traversed in connection with or on the routes to the site from being damaged or injured by any his Vehicles and in particular shall select the routes, choose and use vehicles and restrict and distribute loads so that any such extraordinary traffic as will inevitably arise for moving to site shall be limited as far as reasonably possible so that no unnecessary damage or injury may be occasioned to such highways and bridges and waterways. For any damage caused by the breach thereof, the Bidder shall be solely responsible.
- 2.1.24. Bidder shall depute one of their competent person each at site, and the source to ensure proper coordination of logistics for the entire duration of the Contract. The cost associated with the same is to be included in the unit rates.
- 2.1.25. Vehicles shall be loaded as per RTO permissible limit. And in the event any non compliance Bidder shall be responsible for any penalties levied due to such non – compliance.
- 2.1.26. Bidder shall be responsible for any losses/damages to the consignment(s) due to pilferage, rough handling or due to any other reason(s) whatsoever, while the same are in the custody of them. Timely lodging of complaints with Police or report to any other authorities for theft, pilferage, damages, losses etc., shall be the responsibility of bidder.



- 2.1.27. The people who are engaged for driving the vehicles and who are handling the equipments should have valid Licenses for handling the same.
- 2.1.28. Safe Custody of Documents: Bidder will be required to keep in safe custody all documents sent to/being handled by them and in the event of any loss of such documents they will be held responsible for all the costs and consequences.
- 2.1.29. Sundry Expenses: No claim for any miscellaneous or sundry expenses incurred by Bidder shall be entertained by owner.
- 2.1.30. Co-ordination meeting: Bidder shall depute their representatives during co-ordination meetings at a mutually decided place to discuss and address difficulties and problems faced by both the parties in handling of clearance work and to plan further course of actions.
- 2.1.31. No child-labor shall be engaged by the bidder in any circumstances in the process of lifting and transportation of fly ash from the premises of SPL.
- 2.1.32. Under no circumstances fly ash collected in trucks from the premises of SPL shall be dumped at any place other than the designated place of utilization. In case of breakdown of the truck or the accident of the truck, the fly ash shall be immediately transferred to other trucks by the vendor in such a manner that there is no dust nuisance during transportation and no residual fly ash lies on the place of breakdown/ accident.
- 2.1.33. The process of loading of dry fly ash in trucks and the movement of trucks in the fly ash silo area of SPL and the transportation of fly ash to the utilization site shall be carried out by the vendor in such a manner that there is neither any dust nuisance nor any violation of environmental norms at any time during the loading or the transit of the fly ash loaded truck.

### Section-3

#### 3.1 Price Schedule

Bidder shall quote price in the format given along with RFP for the scope of work specified vide section no. 2 above.

#### 3.2. Terminal points

It will be the seamless responsibility of bidder to act as single point agency for complete scope of work whether implicit or explicit.