

**Annexure-A, BOQ for 48 month Framework Agreement**

**"Schedule of the Quantity" cum "unprice bid format" of the framework agreement for the 48 month period.**

Name of the work: Framework agreement for " Site establishment services " work for 3x150MW BTG PACKAGE at Aditya Aluminium, Hindalco Industries Ltd, Lapanga,Sambalpur Odisha.

Tender Ref no.T0AZX00002, dated:01.01.2026

Sl No	Description	UOM	Total Quantity for 48 Month FA period for all the three units of 1x150MW	Rates in Rs.	Amount in Rs.	Weightage
	<b>Section-A</b>					
1	Supplying & providing Packaged drinking water in 20L (Water can) at site	Litre	308400.00			1.629%
2	Providing consumable of site office (integrated offices + safety park+ toilets+ pantry etc.) like liquid surface cleaner, Hand wash, dish cleaning bar, broom, mop etc. all inclusive	Months	48.00			1.542%
3	Providing consumables for multifunctional printer, item no12 & 13: a) 4 nos A4 size 75 GSM paper ream, (1-Standard ream: 500 sheets). b) 2 nos A3 size 75 GSM paper ream, (1-Standard ream: 500 sheets).	Months	48.00			0.253%
4	Monthly subscription charges for providing dedicated Internet services to BHEL site offices (Inclusive of all equipment/cable and maintenance on 24x7 basis) -Monthly plan 50 Mbps for site office computers. (services provider shall be of Airtel, Jio, vodafone, BSNL or similar)	Months	48.00			2.461%
5	Providing induction cooktop (Min 1.5KW), cooking wares for snacks, serving wares on hiring basis for preparing and serving snacks at site offices.	Months	86.00			0.063%
6	Providing services of an air-conditioned seven seater vehicle like Maruthi Ertiga, Mahindra Bolero, Scorpio or similar kind for BHEL personnel for movement in and around the site and city (Including driver, maintenance and service) as per direction of BHEL Engineer Incharge (Rate applicable for monthly running KM of 3600) Note: 1. Diesel cost shall be paid considering 12KM/Litre vehicle mileage. 2. Average of prevailing Diesel rates, as on 1st and 15th Day of the respective month, shall be considered for arriving at Diesel rate for calculating the Diesel cost.	Per Vehicle /Months	184.00			20.274%
7	Providing services of a Five seater Air-conditioned vehicle like Maruti Dzire or similar kind for BHEL personnel for movement in and around the site and city (Including driver, maintenance and service) as per direction of BHEL Engineer Incharge (Rate applicable for monthly running Km of 3600) Note: 1. Diesel cost shall be paid considering 13KM/Litre vehicle mileage. 2. Average of prevailing Diesel rates, as on 1st and 15th Day of the respective month, shall be considered for arriving at Diesel rate for calculating the Diesel cost.	per Vehicle/ Months	48.00			4.231%
8	Night Charges, if the vehicle service is used beyond midnight/midday(in case of vehicle deployed in night as regular timing), i.e. 12:00 A.M./12:00 P.M. or beyond.	Days	1225.00			0.896%
9	Extra Hour duty cost beyond regular 10 Hour duty (Beyond the regular duty timings from 08:00 A.M. to 06:00 P.M or any 10 Hour duty stretch as per instruction of BHEL) for providing vehicle service as per SOQRItem no. 6 & 7. Note: Payment for extra duty shall be made as per following: i. Extra duty beyond 10 Hours of regular duty but less than 16 Hours : As per item no. 6 & 7 ii. Total duty in a day beyond 16 Hours and less than 24 Hours : As per item no.8 (No payment shall be made in item no.9 )	Hours	15392.00			1.804%
10	Providing catering services to BHEL employees/persons as per the scope defined in the TCC. The service requirement is typically for up to 10 BHEL employees/persons, with occasional increases up to 15 employees/persons for a few days in a month.	Sets /month	152.00			21.571%
11	Providing operation and maintenance services for BHEL site facilities, including but not limited to the activities listed below. All materials and consumables shall be supplied by BHEL (if not mentioned in the contractor's scope) whereas all the manpower and T&P required shall be in contractor's scope. Contractor shall be responsible for providing services such as operation and maintenance, repair, replacement, and related support: a) Providing general electrical maintenance services for the BHEL Integrated Offices, open & closed storage area, Power feeder piller, and other BHEL site establishments. All work shall be carried out to the complete satisfaction of the BHEL Engineer and as per their directions. b) Providing general plumbing services for drinking water, rainwater, sewage lines, etc., covering the BHEL Integrated Office, open and closed storage areas, and other BHEL site establishments, to the complete satisfaction of the BHEL Engineer and as per their directions. c) Providing housekeeping services, including daily cleaning of toilets and urinals, sweeping of site offices, and upkeep of the integrated office, Safety park, other BHEL site establishments. Horticulture maintenance near BHEL site office establishment (Watering, Pruning, Weeding, Lawn care, Planting and replanting, Landscaping, BHEL shall provide the plants) or as directed by the BHEL Site Engineer. e) General series of Carpenter/mason/fitter/welder. g) General air-conditioning equipment maintenance services.	month	48.00		12.146%	
12	Supply and maintenance of Xerox cum scanner cum printer (Hiring basis) including consumables like Cartridge -Reputed Make (like Xerox, Canon, HP, Samsung, Panasonic, Epson, Dell, Toshiba) Multifunction Laser printer for Size-A3 to A4.	Per machine/Month	96.00			0.653%
13	Supply and maintenance of Xerox cum scanner cum printer (Hiring basis) including consumables like Cartridge -Reputed Make (like Xerox, Canon, HP, Samsung, Panasonic, Epson, Dell, Toshiba) Multifunction Laser printer for Size-A4.	Per machine/Month	240.00			1.306%
	<b>Section-B</b>					
1	Providing installing Operation & Maintenance of 1 No. 25 KVA DG Set(Kirloskar/cummin silent version) & its complete cabling up to load points ( Inclusive). To be used as Power back-up and average daily operation of 2 Hrs.Note:Average prevailing diesel rates as on 1st and 15th of the respective month shall be considered for arriving at diesel rate for calculating the diesel cost.( It will be paid at actuals)	Months	48.00			3.894%
2	Supplying of Diesel for 2 hrs. operation for DG set per day or as required. Diesel cost shall be paid extra. For item no.1 above.	Litre	7488.00			2.003%
3	Diesel Cost at actuals (12Km/Litre) for vehicle of item no.6 of Section-A	Litres	55200.00			14.764%
4	Diesel Cost at actuals: 13KM/Litre for vehicle of item no.7 of section-A	Litres	13292.31			3.555%

Sl No	Description	UOM	Total Quantity for 48 Month FA period for all the three units of 1x150MW	Rates in Rs.	Amount in Rs.	Weightage
5	Supply and maintenance of PC for site office (Hire basis) Minimum Specification: 19" to 21" LED Monitor/ Intel 11th Gen, Core i3 / AMD Ryzen 5000+ series/ 8GB RAM /512 GB HDD/Windows10 or higher /MS Office 2024 /Integrated Intel UHD Graphics, Software installed: AutoCAD 2025, PDF reader Make: Acer/ Lenovo/ HP/ or similar kind	Per PC/Month	1100.00			6.951%
	<b>Total sum of the weightage for the section-A and section-B</b>					<b>100.00%</b>
	<b>Section-C</b>					
1	Semi-skilled manpower for miscellaneous site office activities as per instruction from Site Engineer.	Manmonth	134.00	18,828.23	25,22,982.82	Rates are fixed on the basis of total minimum wages on the basis of circular issued by "office of the Labour commissioner Odisha Bhubaneswar Notification no- 2602/LC, Bhubaneswar dt 30.04.2025 with effect from 01.04.2025" at the time of NIT.
	<b>Bidder to confirm having quoted their price in BHEL NIC portal (<a href="https://ePROCUREBHEL.CO.IN">https://ePROCUREBHEL.CO.IN</a>) in the manner described in below, by writing "QUOTED" here</b>					
<b>Note</b>	<b>Instructions to the bidders regarding Price Bid (Schedule of Rates &amp; Quantities) and its Calculations:</b>					
1	Bidder not need to quote the price here, lumpsum Price quoted by bidder in (Excel sheet) price bid format in BHEL NIC portal ( <a href="https://ePROCUREBHEL.CO.IN">https://ePROCUREBHEL.CO.IN</a> ) shall be considered as the total price of this tender SOQ/BOQ for 48 month framework period. Rate and amount against each line item shall be derived in the manner mentioned below:					
2	The rate and amount are inclusive of all applicable taxes, except for the GST. For details of taxes, clause no. 13.0 of the SCC will be					
3	Details of SOQ (Schedule of the quantity) items shall be read in conjunction with the corresponding specifications, drawings and other tender terms.					
4	Schedule of Quantities consist of the following three section-A, B & C.					
i	Section-A: (Item No.- 1 to 13)					
ii	Section-B: (Item No.- 1 to 5)					
iii	Section-C: (Item No.- 1) (pre-fixed Prices by BHEL at NIT stage).					
5	Bidder has to quote for Total price excluding GST i.e. for Section-A, B & C in PRICE BID at BHEL E-procurement Porta					
6	Price for Section- A & B shall be derived by subtracting "Section-C total price Rs.25,22,982.82 (Pre-fixed Prices by BHEL at NIT stage) from Total quoted price by bidder as referred in Note sl.no.-5 or 1 above.					
7	BHEL has fixed Weightage Factors for individual items falling under Section-A & B of above schedule of the quantity/SOQ					
8	These item wise Weightage Factors/percentage and Quantities allocations are as detailed in above SOQ					
9	Item Price for each item falling under these Section-A & B are derived by Multiplying Weightage Factors/percentage with the Price arrived in note Sl.no.6 abo					
10	Further to calculate Unit Item Rate of section-A & B, the item price arrived at Note Sl.no.- 9 above, shall be divided by respective quantities of that item					
11	Final value of framework agreement shall be total of Section- A, B & C shall be considered. Which shall be equal to the finalized L1 ( Finalized Lowest bid price) bidder pri					
12	Bidders to note that this is an 'Item rate contract'. Payment shall be made for the actual quantities of work executed at the Unit rate arriv					
13	PVC are applicable as mentioned in the respective clause of TCC and GCC					
14	ORC is not applicable in the tender.					