

BASM F6 - Safety bid assessment Form (Template)

Tender No:	
Name of the Vendor/Bidder:	
Scope of the Job:	

Bidder to mandatorily provide the below safety competency related information:

Submitted data for safety bid evaluation may be verified by TP ODISHA DISCOM Safety Concurrence Group for authentication by visiting to bidders office/premise and work-sites. Any of the following data provided for safety bid evaluation if found wrong/false, will lead to disqualification of bidder from Safety Bid.

1. Safety Budget: Bidder is required to indicate the percentage (approx.) of total contract value earmarked as a safety budget for this contract.

Sr	Description	Percentage
1	Safety Budget earmarked in percentage of total contract value (PPE, Training, Life-saving tools, Themes & Drives etc.)	

The bidder shall submit documentary evidence of its utilization upon demand.

2. Proposed Manpower Deployment Schedule :-

Sr	Type of manpower	Qualification	Experience	(Nos)
1	Safety Officer			
2	Divisional Engineer			
2	Supervisors			
3	Lineman-MV			
4	Lineman- HV			
5	Helpers			
6	Pole Master Operator			
7	Crane operator			
8	Drivers			
	<u>Others()</u>			

Add rows to include other specialized manpower, if any.

3. List of Safety Equipment: -

Bidder to provide the list of tools, tackles, equipment to be used during the job execution. Bidder to ensure that all the lifting tools and tackle are duly certified by the competent authority approved by Govt of Odisha/TP Odisha DISCOMs authority prior to start of the job

Sr. No	Description of safety equipment	Capacity / Rating	Make	Quantity	Year of manufacture	Remarks
1	Earth Discharge rod 7M					
2	HT Neon Tester					
3	FRP Ladder 6M					
4	FRP Ladder 9M					
5	FRP Ladder 12 M					
6	FRP Telescopic Ladder (6M)					
7	Chain Pulley Block					
8	Telescopic Tree Pruner					
	Bidder to add further tools as per tender requirement					

Add rows to include other, if any.

4. Equipment & Machines:

Bidders to provide details of following items to be deployed during the execution of work as and when required. Bidders to provide approved new gen Pole masters of Escort make and crane ACE Model SX150, ACE FX150 and Escorts Model TRX 1550 as per tender scope such as man lifter, conductor-stringing winch

SI No	Equipment & Machines	Make	Year of MFG	Qty
1	Crane (ACE Model SX150, ACE FX150 and Escorts Model TRX 1550)			
2	Pole Master	Escorts		
3	Winch			
4	Man Lifter			
5	Vehicle			

5. PPE Requirement - Bidder to provide the quantities of following PPEs to be provided for this contact_

Sr. No	Name of PPE	UoM	Standard	Quantities currently available with Bidder	Quantities to be provided during execution of this contact
1	Safety shoe with composite Toe Cap	Pair/emp/year	IS 15298 Part 2		
2	Safety Helmet Class E with adjustable chin strap	EA/employee/3year	IS 2925-1984 EN 397-2012		
3	Helmet Mounted/Wearable Voltage Detector (Voltage Induction Sensor)	EA/employee/3year	Make : Honeywell, type HHVSB11 or Make JARSH		

4	Light weight Full body Safety Harness (Class P) with double lanyard, and Work Positioning Lanyard	EA/employee/3 year	IS 3521-2021		
5	Electrical Insulated rubber hand gloves Class 00	Pair/LM/6 month	IS 13774:2021		
6	Electrical Insulated rubber hand gloves. Class 2	Pair/LM/6 Month	IS 13774:2021		
7	Electrical Insulated rubber hand gloves Class-4	Pair/LM/6 Month	IS 13774:2021		
8	Arc Flash Clothing 8cal/cm ²	EA/LM/3 Year	ASTM F1506		
9	PU coated cotton hand gloves	Pair/emp/as per need	IS 6694		
10	Arc flash face visor 8 Cal/cm ²	EA/LM/ 3 year	ASTM F1506		
11	Cotton Reflective Jacket	EA/emp/year	IS 15809		
12	Safety Goggle (Transparent)	EA/emp/year	IS 5983		
13	Gum boot	Pair/emp/year	IS 5557:2024		

Add rows to include any other PPE, if any.

7. Job Safety Plan/ Method Statement/ SOP specific to the job scope of tender

Bidder to provide / enclose a detailed Job Safety Plan along with a Method statement detailing the execution philosophy (how the bidder intends to execute the Job/Project), identifying all key activities which are required to be performed by the Business Associate at Site. Bidder to also list down all high-risk activities and provide the Hazard Identification and Risk Assessment (HIRA) for all such high-risk activities involved in the site work. Bidder to separately attach SOPs of activities to be performed during contact such as tree trimming, pole erection, conductor stringing, fuse replacement, transformer replacement etc.

Sr	List of Activities to be performed as per tender scope	Hazard	Control Measures

8. Training Records-(): Bidders to provide Summary along with sample of safety training records of employees deployed for the execution of work during last one year. These training includes OHS (Occupational Health and Safety) Training, Training on SOP/Work Procedures and Medical Emergency trainings imparted at their own facility, cost, and expenses. Bidders to provide the following details:

Sr	Topic of the trainings	Man-days completed during last FY	Training during last FY	Remark
1	Electrical Safety			
2	Working at height			

3	Behaviour Based Trainings- Specify		
4	First Aid /CPR/Fire Fighting		
5	Road Safety		
6	Any other-Specify		

Sr	TP ODISHA DISCOM Requirement	Bidders Response
1	Training records of employees at their own facility, cost, and expenses for last one year	Cost incurred on employee training- Rs————
2	Training facility available with Bidders	Nos of trainers: —— Nos of Projectors———— Nos of training Halls: ——
3	Future road map for enhancing the competency of workforce	Budget planned for safety training——

9. Safety Management System Certification: -

Sr.No	Certification	Issued by following accreditation bodies only	Yes / No	If Yes Valid Upto	If Yes, Year of Certification
1	ISO 45001	Issued by SGS/DNV/IRQS/Bureau Veritas/TUV			
2	ISO 14001				
3	ISO 9001				
Note: Please attach certificates to support above.					

10. Rewards and Recognition-

- a) Bidder to provide summary and details of R&R given to its employees during last one year in below format

Sr	Name of reward/award	Name of employee who received award/reward	Date of reward	Photograph/evidence
1				
2				

- b) Bidder may provide details of Safety awards/accreditation received to its organization from any client or external agency during last Two year

Sr	Safety award/Recognition details	Name of Award Issuing organization(Govt Approved/PSU/Client)	Month/Year of award	Photograph
1				

2				
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11. Safety Records:

Bidder to provide the details of fatalities and lost workday cases (LWDC), occurred in previous years (data to be provided for the last completed FY & current year across organization.

Description	Safety Data for current and Last 1 Years	
	Current Year	Year 1 (Last FY)
	20-__	
Fatalities (Nos.)		
Fatality rate per 1000 employees		
Lost Workday Cases (Nos.)		
Lost Time Injury Frequency Rate (Nos of LTI x 10 ⁶ / Man-hours worked)		

Appendix 7: BASM F7 - Safety Bid Evaluation Criteria

Safety Bid Evaluation will be based on following parameters.

S. No.	Description	Max Marks	Criteria for evaluation
1	Safety Budget	5	Allocation of 5% or more Budget should be considered for max marks
2	Qualification and Experience of safety officer	15	As per Clause No. 2-BASM F6 - Safety bid assessment Form
3	Qualification and Experience of technician & supervisor	10	As per Clause No. 2 -BASM F6 - Safety bid assessment Form
4	Safety Equipment to be provided by bidder as per Annexure 1(As per functional requirement)	10	To be evaluated as per approved tool list of concerned Functions.
5	Tool, Equipment & Machines	10	To be evaluated as per approved tool list of concerned Functions.
6	PPE Requirements	10	To be evaluated as per approved PPEs standard and PPE Matrix specified in <u>BASM F8 - PPE Requirements (R8)</u>
7	Job Safety Plan/ Method statement/SOP	10	To be evaluated as per as per SOP/WI/HIRA
8	Training Records	10	Training records to be evaluated with evidence and scoring to be done as per availability of records
9	Certificate Accreditation	5	ISO 9001-2.5 Mark ISO 14001-2.5 Marks ISO 45001- 5 Marks.(Mandatory)
10	Rewards and Recognition Process	10	Maximum 5 marks will be awarded for any award received by organization

	Total	100	
	Safety Records (Lag Parameter)		
1.	Fatal Accident	(-) 10 Marks for each case with max of 15 marks	For any fatality in Tata power /Other company in Current and last Three year 10 marks will be deducted with maximum up to 15 marks. For new entrant BA, these marks will be deducted for Past safety records. If and BA found hiding such facts, then contract will be terminated immediately during the execution stage.
2	LWDC (Non-fatal)	(-) 5 Marks for each case with max of 10 marks	For each LWDC (Non-Fatal) case in Tata power /Other company in Current and last 3years, 5 marks will be deducted with maximum up to 10 marks. For new entrant BA, these marks will be deducted for past safety records. If BA found hiding such facts, then contract will be terminated immediately during the execution stage.

Note – Agency shall not be eligible for bidding in case 02 FATALITY/ 03 LWDC occurred at Odisha Discom, within 02 Financial Year, contributed by their employee/supervisors/Lineman/Helper.

Appendix 8: BASM F8 - PPE requirements

The Business Associate shall ensure that the following PPE of Approved standards shall be always available and shall be used by his employees with no exception whatsoever. • PPE shall be conforming to BIS/DGMS/DIN specifications, in good condition and shall be comfortable to his employees, when used. This is indicative. BA shall ensure use of PPEs as per risk assessment and 10% buffer stock to be maintained.

PPE & Safety equipment and its Inspection Frequency

Sl.	Name of PPE	IS Standard	Inspection Frequency	Remarks
1	Electrical safety shoes with double density PU sole with Composite toecap.	IS:15298 (Part-2)	Monthly and visual check Every day for any crack or damage in the leather or sole.	
2	HDPE Safety helmet with chin strap and ratchet type for adjustment for non-Electrical work	IS:2925-1984	Monthly and visual check every day for any crack in shell.	
3	Full body Safety harness with double lanyard- Class P with adjustable work positioning lanyard	IS 3521-2021	Monthly and visual check every day of the bends and the harness as per checklist	For working more than 1.8 mtr height
4	Electrical Insulated rubber hand Gloves Class 00, Class 2, Class 4	IS 13774:2021	Weekly & daily visual check for Any crack and air leak test before each use	For linemen