



OIL AND NATURAL GAS CORPORATION LIMITED
MUMBAI REGIONAL / DRILLING SERVICES
OFFICE OF ENGG. SUPDT., SAGAR VIJAY, 250, 2ND FLOOR, 11-HIGH, ONGC OFFICE COMPLEX,
SION-BANDRA LINK ROAD, SION-WEST, MUMBAI – 400 017. INDIA
Tel. No. +91-22-2408 8250 / 9250, Fax No. +91-22-2408 8500

NOTIFICATION OF AWARD OF CONTRACT

REF NO: SVJENG/1293099/PD1FL24030/ 5010162850

DATE: 08.12.2024

M/s SMEC Automation Pvt. Ltd,
2nd Floor, Corporation Building,
Kaloor, Cochin-682018

Kerala

V/Code-149657

Bid No: 7020243664

Tender No: PD1FL24030

E-Mail: sreejithgodavarma@smec.co.in / anju@smecautomation.com

Kind Attention: Mr. Sreejith Godavarma

Dear Sir,

In continuation to your bid submitted and opened on 28.10.2024 it is hereby intimated that your quote for the job of “Design, Supply, Installation, Testing and Commissioning of Racker Alarm System at Rig Sagar Vijay” has been accepted by the competent authority as the lowest quote.

The total quote for the job is Rs.9,21,025/- (Rupees Nine Lakh Twenty-One thousand and Twenty-Five Only) inclusive of IGST@5%

You are kindly requested to submit security deposit @10% of contract value = Rs.92,103/- (Rupees Ninety-Two thousand One hundred and Three Only) in the form of E-PBG as per the attached format within 15 days from the date of issue of this LOA.

Security Deposit amount can also be transferred directly to ONGC Bank account the details of which will be provided on request.

The E-Performance Bank Guarantee (if submitted) should be valid for a minimum of 15 months from the date of issue

Scope of work along with Terms & Conditions and price schedule are attached in the annexures 1&2 respectively

SOHAM SENGUPTA
SE (ELECTRICAL)

SCOPE OF WORK:

The job scope will include Design, Supply, Installation, Testing and Commissioning of Racker Alarm System at Rig Sagar Vijay with the details as provided below.

The entire system has to be designed as per the details provided at Paras a-p below. The design has to be approved by ONGC after which actual manufacturing of the system as per design to commence.

Efforts should be made to design and deliver cubical structure with all the internal wiring done. Only the external cabling and interconnection among different modules and testing to be done at Site to prevent any downtime

The cubical structures/modules along with other spares and tools are to be delivered at NHAVA by the vendor for further transportation to Rig.

Manpower deployment at Rig to be made upon intimation by E/S-Sagar Vijay for installation and commissioning of the system.

The entire system should be commissioned and trial/training to be given to driller/operators or any other personnel onboard the Rig as instructed by EIC/OIM Sagar Vijay

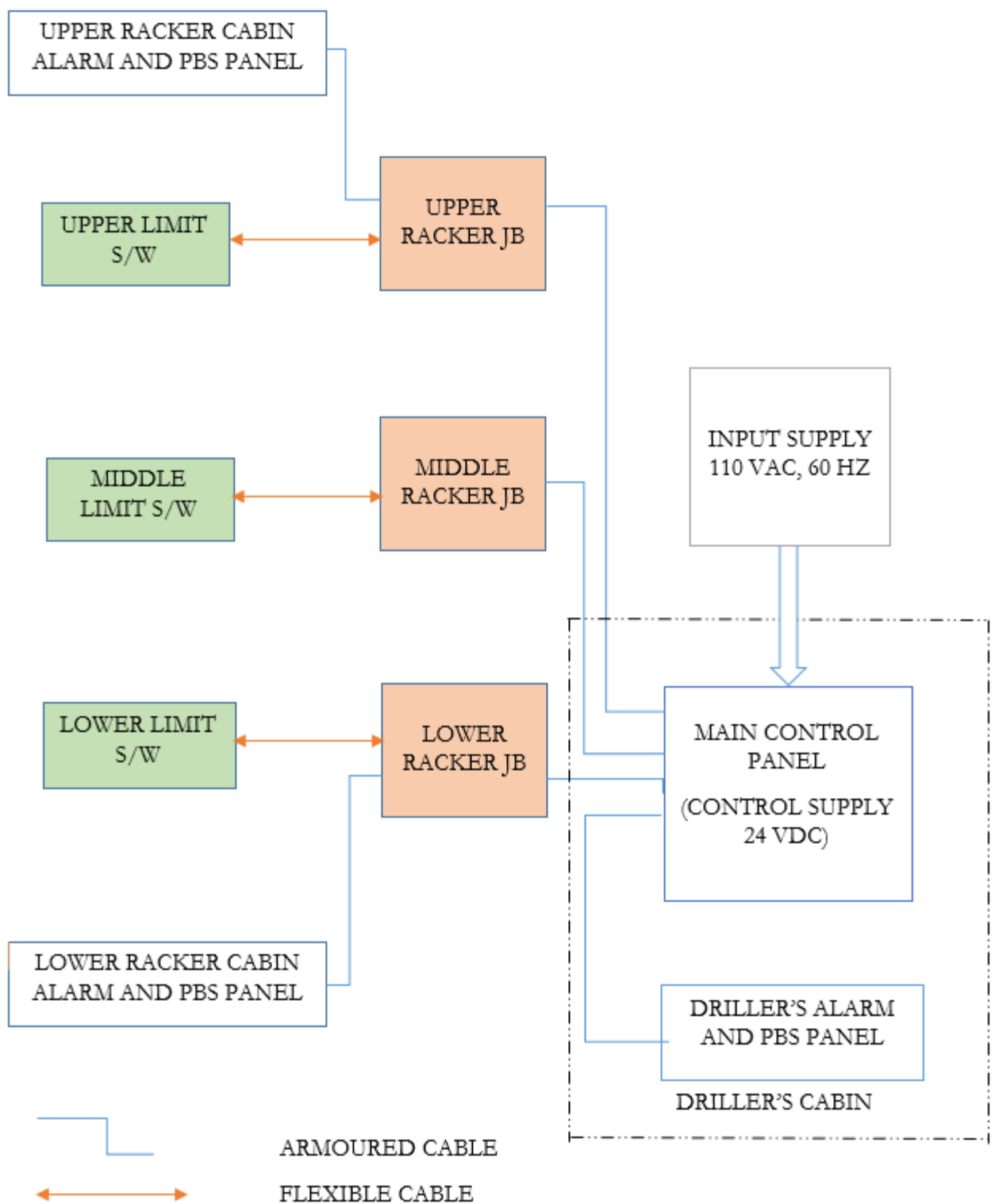
The design of the system to be implemented are provided below

a. RACKER ALARM SYSTEM:

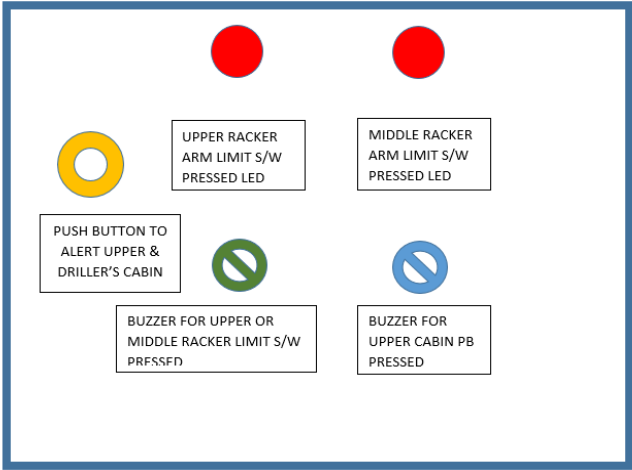
- a.** Audio-visual Alarm panel need to be installed in upper racker cabin, lower racker cabin and driller's cabin.
- b.** 1 no. limit switch need to be installed in each racker arm (total 3 nos. limit switches needed)
- c.** Main alarm panel for each racker arm to be installed in driller's cabin.
- b. Upper Racker Cabin Alarm Panel:** Compact Audio- visual alarm panel (LED + Buzzer) for lower and middle racker arm Limit switch activation need to be installed in upper racker arm cabin. 1 no. separate buzzer to be provided for when Push button at lower racker cabin pressed.
- c. Lower Racker Cabin Alarm Panel:** Compact Audio- visual alarm panel (LED + Buzzer) for upper and middle racker arm limit switch activation need to be installed in lower racker arm cabin. 1 no. separate buzzer to be provided for when Push button at Upper racker cabin pressed.
- d. Driller's Panel Alarm Panel:** Compact Audio- visual alarm panel (LED + Buzzer) for upper, middle and lower racker arm limit switch activation need to be installed driller's cabin. Separately 1 no. buzzer for upper cabin PB and 1 no. buzzer for lower cabin PB also to be provided.

- e. **Main Control Panel:** To be installed at driller's cabin. Supply available 110 VAC, 60 Hz. Simple 24 V dc control supply, relay based alarm logics to be incorporated.
- f. 1 JB for each limit switch need to be installed on Mast beam near the respective racker arm. And flexible cable needs to be installed from each JB to respective limit switch so that it can move freely with the racker arm.
- g. Armoured cable needs to be laid from main control panel at driller's cabin to each racker JB.
- h. Armoured cable needs to be laid from main control panel at driller's cabin to both racker cabin alarm and PBS panel through respective JBs.
- i. In addition to points 4 and 5; 1 no switch (push button) also to be provided in the panel of each upper and lower racker cabin. (As per Schematic diagram)
- j. If switch (push button) is pressed in upper cabin, buzzer at lower cabin and driller's cabin should sound.
- k. If switch (push button) is pressed in lower cabin, buzzer at upper cabin and driller's cabin should sound.
- l. At drillers cabin all three buzzer should have different sound (that is different sound for racker alarm limit switch activation, upper racker buzzer, and lower racker buzzer).
- m. All Cables, JBs, Main panel with circuit, limit switches, buzzer, indication lamp, alarm panels with circuit, other consumables to be provided by the vendor.
- n. All JBs, Panels should be explosion proof.
- o. Simple, relay based, 24V, Alarm System should be designed. 110V ac is available at Driller's cabin. Wall mounting compact panel to be provided.
- p. Approx. length of Armoured cable: 250 m and Approx. length of flexible cable: 100 m. Armoured cable length is only for alarm system. To accommodate buzzer either length or core need to be increased as per design.

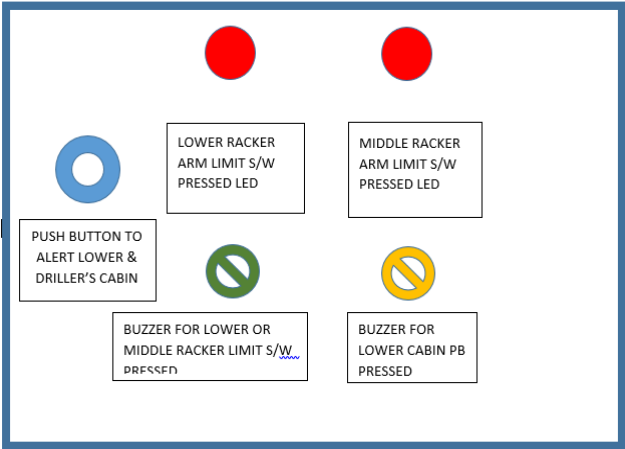
SCHEMATIC DIAGRAM OF RACKER ALARM SYSTEM



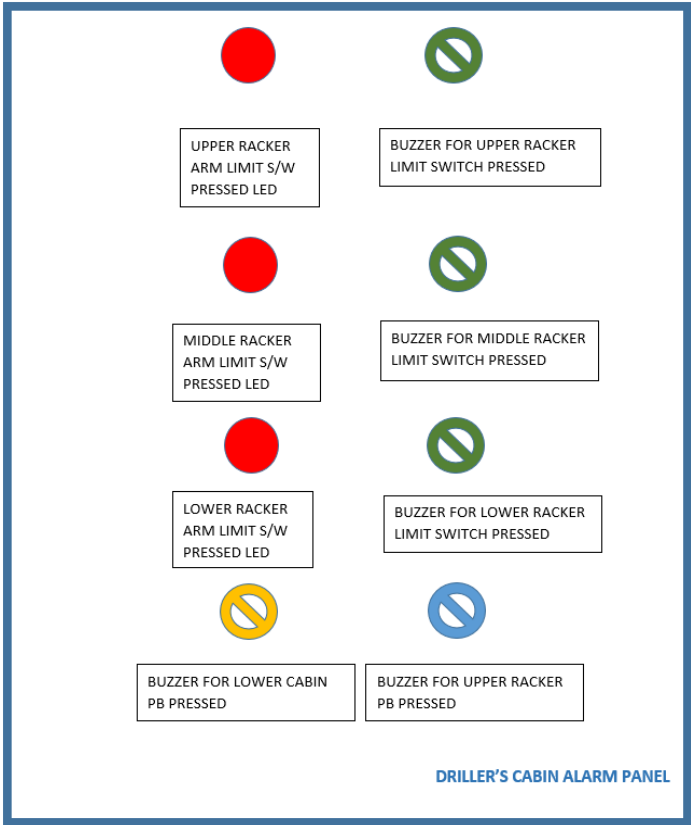
LOWER RACKER ALARM PANEL LAYOUT



UPPER RACKER ALARM PANEL LAYOUT



DRILLER'S CABIN ALARM PANEL LAYOUT



SPECIAL CONDITIONS OF THE CONTRACT

1.ONGC'S (CORPORATION) RESPONSIBILITIES

- a) To provide free To & Fro transport facility for material, equipment/ tools & tackles from Nhava Supply Base/ Helibase or any other suitable place within Mumbai Metropolitan Region (MMR) as instructed by ONGC up to the rig located in Mumbai Offshore and back.
- b) To provide free To & Fro transport facility for CONTRACTOR's personnel, from ONGC helibase in Mumbai to the rig(s) located at Mumbai Offshore by helicopter or from the nearest port by boat as the case may be. CONTRACTOR's personnel are expected to complete the job at a stretch after going to the rig except due to medical reasons or as per requirement of ONGC. Arrangement of Accommodation for Local Personnel/ Team from Mumbai Metropolitan Region (MMR, India) shall be the responsibility of CONTRACTOR and No charges shall be reimbursed by ONGC.
- c) ONGC will appoint a Representative who shall be present or available, at all times during performance of the work, with whom CONTRACTOR may consult. Any communication given to ONGC's Representative by CONTRACTOR or CONTRACTOR's representative pertaining to contract shall be considered as given to ONGC.

2.CONTRACTOR'S RESPONSIBILITIES

- a) CONTRACTOR shall submit list of probable Personnel to visit offshore after being awarded the contract along with their valid MOHA (for Expat)/ Police Clearance Certificate, valid mandatory training certificates and 02 Nos. recent passport size photographs, Bio-Data through ONGC's Online NED pass system vide URL "<https://nedpass.ongc.co.in>" to the office of ES-Sagar Vijay, 11 High, ONGC Office, Bandra-Sion Link Road, Mumbai-400017 or his Representative for scrutiny and for arranging Non-employee Duty (NED) passes for offshore visit for the duration of CONTRACT period. The CONTRACTOR shall collect the Non-Employee Duty passes for their personnel from the Security section, ONGC NBP Green Heights, BKC, Mumbai after obtaining recommendation from this office. CONTRACTOR shall collect the Non-Employee Duty passes for their personnel from the Security section, ONGC NBP Green Heights, BKC, Mumbai after obtaining recommendation from this office. All offshore going personal must have valid Certificates as per training requisite for issuing offshore pass.
- b) Further, CONTRACTOR to submit the list of personnel with Medical Fitness Certificate as per ONGC guidelines (ONGC guidelines at **Appendix 1** of STCC) to visit offshore for execution of work. Contractor shall submit the certificates of BOSEIT training, Medical Fitness and police verification to ONGC for preparing Non-Employee Daily (NED) security passes for their personnel for going to offshore for execution of the job.
- c) CONTRACTOR shall at his own expense be responsible for the carrying out the medical examination, together with the necessary vaccination, inoculation and health certificates for its personnel.
- d) The work, which is to be carried out at Drillship at offshore, shall be done without affecting normal rig operations. In case operations are needed to be stopped efforts will be made to minimize the downtime or carry out the jobs during off cycle period/available window where operations are on standby
- e) In case of any non-compliance by CONTRACTOR regarding work completion, OIM/ Tool pusher or his representative will give in writing the deficiency to CONTRACTOR's representative which shall need to be rectified by CONTRACTOR immediately and again obtain satisfactory work completion certificate.
- f) CONTRACTOR should get and submit original Work Completion Certificate signed by OIM/ Electrical In-charge of the rig in soft copy to the Corporation's Representative and attach the same with the invoices.
- g) Other than by accidents or in circumstances of emergency and/ or general average sacrifice, the CONTRACTOR shall not under any circumstances dump, throw or dispose of any refuse, oily wastes, toxic substances, debris or garbage into the sea.

- h) CONTRACTOR shall be solely responsible for health of its personnel and safety of their items engaged in or associated with the work including, inter-alia, ensuring that all tools, equipment and other items used in the work, whether purchased, rented or otherwise provided by CONTRACTOR are in a safe, sound and good condition at the outset of the work and are diligently maintained throughout the performance thereof.
- i) CONTRACTOR shall be responsible for all necessary Custom clearance and Port clearance for their items and its associated charges and duties, if any. CONTRACTOR has to make necessary arrangements to collect the material from Nhava Supply Base subsequent to the completion of the job at the rigs and clearance from ONGC.
- j) Material (if any) to be sent to rig shall be delivered by the CONTRACTOR at Nhava/ Helibase in seaworthy packing and shall be packed in boxes carrying a certificate pasted on the boxes indicating “no explosive material inside”. Boxes should be sealed. Box should be such that it can be opened and closed at any point of security check. Boxes are required to be sealed in presence of security personnel at Nhava by the CONTRACTOR at his own expenses.
- k) The CONTRACTOR should supply safety kits and liveries, as per ONGC guidelines (ONGC guidelines at **Appendix 1** of STCC) to their employees to be deputed by them to meet the safety conditions at offshore. The personnel to be deputed to work at offshore rig should be medically fit. CONTRACTOR shall provide all safety gears like safety shoes, hard hats, work overall, safety goggles, gloves etc. as required for the job, to its employees working on the Rig.
- l) Ensuring that only qualified and skilled personnel shall be deployed for the job at offshore.
- m) Ensuring that CONTRACTOR’s personnel should be able to understand and follow the instructions issued by Master / OIM at the Rig, during execution of the work.
- n) Ensuring the CONTRACTOR’s personnel’s adherence to the Safety, Security and Environmental Policies and practices of ONGC and Regulatory bodies.
- o) CONTRACTOR shall deploy Base Co-ordinator for the jobs to be done under this contract. The Co-ordinator shall be available all the time to monitor, provide the assistance and fulfil the requirement of his offshore team(s).

3.INSPECTION & RECORDS

- a) Electrical I/C/OIM will be the Competent Person at rig and the job on board the Rig will be carried out as per the requirement of the Electrical Incharge of the Rig and under CONTRACTOR’s supervision.
- b) ES-Sagar Vijay (or his representative) will be the Competent Person at Base.
- c) If ONGC is satisfied that the entire Works have been completed as specified in the contract and have successfully passed inspection and all tests provided in the Contract, then Electrical Incharge/OIM of the concerned rig shall issue a certificate of successful work completion and acceptance. This certificate shall be effective from the completion date which the contractor had notified to ONGC subject to ONGC’s Representative certifying that the entire works were completed by the contractor without any defect on the said notified completion date.
- d) ONGC’s acceptance of the works shall not operate as a waiver of the ONGC’s right under guarantees in the Contract herein contained as to any short supply and defects and deficiencies.
- e) After the job, if any defects is noticed and the requirement of the further job is conveyed to the contractor by ONGC, the CONTRACTOR should attend the same within one week of the issue of the intimation.
- f) **Reports & Records:**
 1. All reports and checklists shall be correctly filled out and signed by the person who carries out the work and same shall also be signed by the Electrical Incharge/OIM of the Rig.
 2. Daily Progress Report (DPR), time log sheets during the execution of the jobs, duly signed by Electrical Incharge/ OIM to be maintained, signed and provided to ONGC.
 3. All Reports/ documents/ drawings/ Procedures/ records etc. once submitted to ONGC shall remain the property of ONGC and the CONTRACTOR cannot claim any copyright or other

exclusive rights. ONGC can use these Reports/ documents/ drawings/ Procedures/ records etc. as its own and can share with any third-party.

4.FIRE AND SAFETY

- a) The personnel to be deputed by the CONTRACTOR shall observe fire and safety rules of the CORPORATION while carrying out the jobs on board.
- b) The CONTRACTOR shall supply safety kits and liveries (e.g. Hard Hats, Safety Shoes, Safety Goggles, Overalls, gloves etc.) to his employees to be deputed by him on board the rig to meet the safety conditions at offshore. Safety belt for working on heights (directly above sea) shall also be provided the CONTRACTOR.
- c) The CONTRACTOR shall provide proper identification cards for his employees to be deputed by him duly signed by the CONTRACTOR or any authorized person on behalf of the CONTRACTOR, not below the rank of Partner or Managing Director.
- d) The personnel to be deputed for offshore work should be medically fit.
- e) The Personal Protective Equipment (PPE)/ Kits & Liveries (K&L), Medical and Physical Fitness Criteria is placed at **Appendix 1** to Special Terms & Conditions (STCC).
- f) Personnel deputed by the CONTRACTOR for working in offshore should invariably have the following valid certificates:
 1. Personnel survival techniques (PST)
 2. Personnel safety and social responsibility (PSSR)
 3. Emergency first aid (EFA)
 4. Firefighting and prevention (FFP)
 5. Helicopter Underwater Escape Training (HUET)Or
 6. Any other relevant valid certificates required as per Government guidelines/ ONGC Policy.
- g) The CONTRACTOR shall not deploy any personnel not meeting the above stipulation, to work at offshore.

5.SOP FOR COVID-19 PROTOCOL

Fully vaccinated personnel would be exempt from requirement of having valid COVID Negative Report for travelling to offshore. SOP for COVID-19 Protocol prevalent at the time, and communicated by ONGC, should be followed by the CONTRACTOR.

6.EFFECTIVE DATE OF CONTRACT

The contract shall be effective from the date of issue of Work Order

7.MOBILIZATION PERIOD

The CONTRACTOR shall mobilize the Personnel/ Equipment required to carry out the job, as to reach Helibase/ specified place of base of ONGC within 10 (ten) days of getting first mobilization notice from ONGC after award of NoA failing which LD clause will be applicable

8.COMPLETION PERIOD

Sl.	Activity	Activity Completion Time
1	Final Scope/Drawing Approval	2 weeks from the date of issue of Work Order
2	Supply/Delivery of Material to NHAVA	4 weeks from the date of Scope/Drawing approval
3	Installation, Testing and Commissioning of entire system	2 weeks from the date of mobilization of vendor personnel at Rig S/Vijay

9.DELAY IN MOBILIZATION AND LIQUIDATED DAMAGES (LD)

- a) If the contractor fails to supply the material/mobilize manpower within the time schedule mentioned in the contract, ONGC shall have, without prejudice to any other right or remedy in the law or

contract including sub clause (b) below, the right to terminate the contract.

- b) If the contractor is unable to supply the material/mobilize manpower within the period specified in the contract, the contractor may request ONGC for extension of the time with unconditionally agreeing for levy and recovery of LD. Upon receipt of such a request, ONGC may at its discretion, extend the time period of material delivery and shall recover from the contractor, as an ascertained and agreed Liquidated Damages, a sum equivalent to 1/2 % of contract value, for each week of delay or part thereof, subject to a maximum of 10% of the contract value. The levy of LD will be applicable against each schedule separately for mobilization as well as completion period for each activity brought out at Para 7 & 8 above
- c) The parties agree that the sum specified above is not a penalty but a genuine pre- estimate of the loss/damage which will be suffered by ONGC on account of delay on the part of the contractor and the said amount will be payable without proof of actual loss or damage caused by such delay

10. INVOICES AND TERMS OF PAYMENT

- a) No advance shall be payable to contractor.
- b) No payment will be made for sub-standard work. All the defects pointed out are to be rectified to the satisfaction of ONGC.
- c) Payment will be released within 10 days after submission of GST complied invoice along with the following documents after job completion:
 - a. Approved diagram mentioning clear date of final approval by ONGC
 - b. Delivery Challan of materials certified by I/C DTYS-NHAVA
 - c. Warranty/Guarantee Certificate.
 - d. Work Completion certificate from EIC-Sagar Vijay countersigned by OIM
 - e. Work Order copy
- d) All invoices shall be addressed to “ONGC offshore administrative office, Plot No. C 69, A & B, “G” Block, 6th floor, NBP Green Heights, ONGC, BKC, Bandra (East), Mumbai-400051”. “Place of supply” to be mentioned in the invoice as “ONGC offshore, state code-97”.
- e) Invoices should be uploaded in ONGC VIMS portal <https://vims.ongc.co.in> along with all the attachments as brought out in Sl.No-3
- f) Following to be mentioned in invoice:
GST@5% charged as per Notification No. 02/2021-Integrated Tax dt. 02/06/2021. 2. The subject Service has been provided for Offshore Rig Sagar Vijay.

11. WARRANTY

Minimum one year from the date of commissioning. Any issues in the system during the warranty period and brought out in writing by ONGC and shall be rectified by the contractor at their own cost.

12. SECURITY DEPOSIT

Security Deposit/Performance Bond: For purchases exceeding Rs.1.00 lakh, the successful bidder, within 15 days of receipt of order/letter of award, will be required to send security deposit in the form of E-PBG or Bank Transfer **@ 10% of contract value**. However, the condition will not be applicable for procurement of materials of proprietary nature from Original Equipment Manufacturers (OEM) or Distributors I Sole Selling Agents I Authorized Dealers of the Original Equipment Manufacturer.

ANNEXURE-2

PRICE FORMAT

Tender No: PD1SL24030

Sub: Design, Supply, Installation, Testing and Commissioning of Racker Alarm System at Rig Sagar Vijay

Description	SAC	Base Cost	IGST %	IGST Amount	Total Amount
Design, Supply, Installation, testing & commissioning of Racker Alarm System on board MODU Sagar Vijay on LSTK basis	9987	8,77,338.00	5%	43,866.90	9,21,205.00

Rupees Nine Lakh Twenty One thousand Two hundred and Five Only