

Open Tender

**“Installation of Fire Alarm Detection System (FADS)
Installed in Corporate Communication, D Block (1st
floor), 61 Park, GRSE Ltd.**

Name of the Firm:

.....

Time and Date of Opening: At 2 p.m. on 14 April 2022

Tender issued to:

M/s

Telephone.....

(Signature of Tenderer)

Garden Reach Shipbuilders & Engineering Ltd.
61, Garden Reach Road, Kolkata -700040.

“NOTICE INVITING TENDER”

GRSE invites sealed tenders from Fire Fighting Agencies for the work mentioned hereunder:-

S. No	Name of the Work	Date of issue and Submission of tender	Completion Period
1.	Installation of Fire Alarm Detection System (FADS) in Corporate Communication at D-Block (first floor), 61 Park.	Issued on : 15 March 22 Last Date for submission : 14 April 22 till 1 PM	One months

The detailed NIT and tender documents can be seen /downloaded from the web site **<http://grse.in>**

Sd/-
(S.Chattopadhyay)
Manager (CP&CC)

Garden Reach Shipbuilders & Engineering Ltd

“NOTICE INVITING TENDER”

1. Sealed two part tenders are hereby invited for the work of **Installation of Fire Alarm Detection System (FADS) at the first floor of D block building at 61 Park Unit of GRSE Ltd. The firms having carried out minimum 3 similar works during the last three years need to apply** with proof of fulfilling the above conditions along with the attested copies of TIN, Sales Tax/GST certificate, Registration of Service Tax Act of and completion certificates of the works carried out.
2. Time for carrying out the work will be 01 Month (**one month**) from the date of commencement or issue of award letter.
3. **Envelope I** (marked “**Techno commercial –Installation of FADS in Corporate Communication at D block 1st Floor, 61 P, GRSE**” on top)

Submit attested copies of the following documents:-

- a) **Proof of registration from Sale Tax department (GST) / TIN number,**
 - b) **Photocopy of PAN/TAN card**
 - c) **Registration and/or Completion certificates in respect of similar works completed in last three years as described above.**
 - d) **Proof of turnover – Above 2 Lakh/year x last 3 years.**
4. **In Envelope II** (marked “**Price Bid - Installation of FADS in Corporate Communication at D block 1st Floor, 61 P, GRSE**” on top)
 5. **All the two envelopes shall be placed together in another sealed envelope marked “ Two part bid for Installation FADS in Corporate Communication at D block 1st Floor, 61 P, GRSE” on top of the envelope and submitted manually.** No further documents /credentials brought by tenderers in person shall be entertained by Tender Opening Committee under any circumstances. The envelope II marked “**Price Bid – Installation of FADS in Corporate Communication, GRSE**” shall be opened only of those tenderers, whose Tender’s qualification placed in the other envelope (I) marked “**Techno commercial –Installation of FADS in Corporate Communication at D block 1st Floor, 61 P, GRSE**”, are found to be in order. GRSE will not be responsible for any loss of tenders before or after this due date.

Tenders will be **received up to 1PM on 14 Apr 22** in the office of CP&CC Department and will be opened at **2PM on 14 Apr 22** on the same day in presence of tenderers.

6. The employer does not bind himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
7. Canvassing in connection with the tenders is prohibited and the tenders submitted by the tenderers who resort to canvassing are liable for rejection.
8. Tenders submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work, Validity beyond 90 days from the date of opening shall be by mutual consent.
9. **The tenderer shall quote rates both in figures and words.** He shall also work out the amount for each item of work and writes in both figures and words. On checking if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him, the following procedure shall be followed:
 - i) When there is a difference between the rates in figures and in words, the lowest quoted rates by the tenderer, shall be taken as correct.
 - ii) When the amount of an item is not worked out by the tenderer or it does not correspond with the rate written either in figure or in words the rate quoted by the tenderer in words shall be taken as correct.
 - iii) When the rate quoted by the tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.
10. **The tenderer should see drawings as attached** and in case of doubt obtain required particulars, which may in any way influence his tender from the Officer as no claim whatsoever will be entertained for any alleged ignorance thereof.
11. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the conditions in regard to accessibility of site, nature and extent of ground, working conditions of site and locality including stacking of materials, installations of tools etc, conditions affecting accommodations and movement of labour etc. may be required for the satisfactory execution of the work contract. No claim whatsoever on such accounts shall be entertained by the Employer in any circumstances.
12. Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed form of tenders, if tenderers desire to offer rebate, the same should be brought out separately in the covering letter and submitted along with the tender.

13. Some of the provisions of General Conditions of Contract are given below :

- a) DEFECTS LIABILITY PERIOD is of Six Months from the date of completion as certified by the Employer.
- b) COMPENSATION: Contractor shall pay, as compensation, an amount equal to 2% (Two percent) or such smaller amount as Employer (whose decision in writing shall be final) may decide on the cost of whole work as shown in the agreement, for every week that the work remains uncommenced or unfinished or due quantity of work remains incomplete after the scheduled dates. Compensation to be paid shall not exceed 10% (Ten percent) of the contract amount as shown in the agreement.

14. TERMS OF PAYMENT

Payment for the works completed will be made as shown under:-

Payment will be made within 45 Days of submission of the invoice with challan and payment will be done through account transfer/ECS as per standard terms and conditions of GRSE Ltd.

Techno commercial – Installation of FADS in Corporate Communication (CC)
at D block 1st Floor, 61 Park, GRSE”

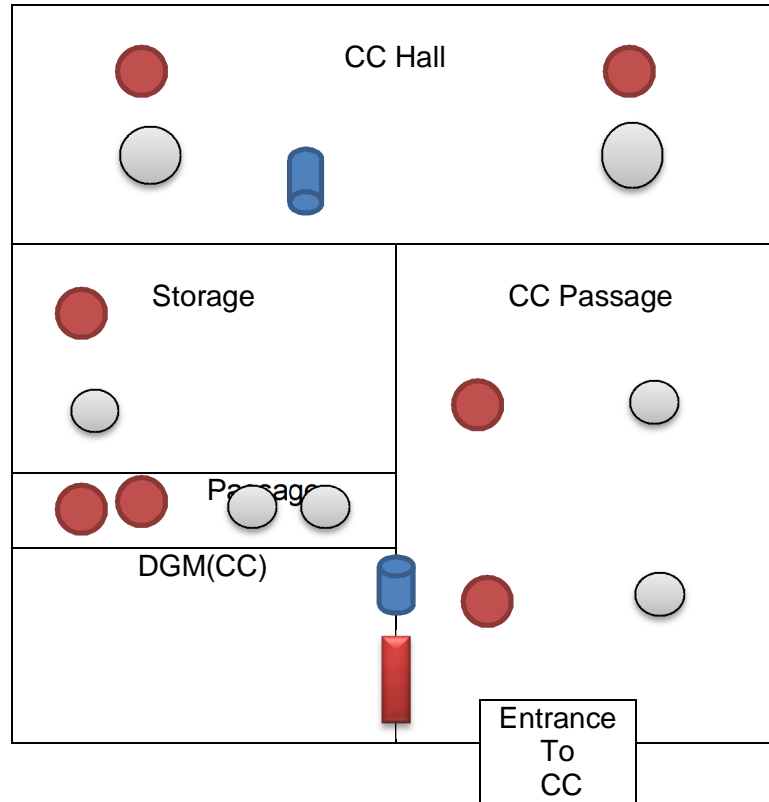
SCOPE OF WORK.





Name of work: - Installation of Fire Alarm Detection System (FADS) on the first floor, D block at 61 Park unit of GRSE Ltd.

1. The floor (except CC area) is equipped with the fire alarm and firefighting systems. Presently, the complete Fire Alarm Detection System is fully operational and therefore the rates given in the schedule of quantity will be deemed to included cost of all the necessary materials and labour charges etc. required for satisfactory operation and maintenance of the entire system, as per the schedule of quantities and good Official practice. **The firm may inspect the site and examine the installed systems and diagram as enclosed before quoting their rates.**
2. **At present Fire Alarm Detection system installed in the building is fully functional. It would be the responsibility of contracting firms to inspect the complete installation and get themselves fully satisfied before quoting their rates. Additional work (if any), needed to be carried out to make the system fully functional with their detailed specifications, quantities and rates etc. as the case may be. The payment of any required materials/parts will be done on the basis of bid submitted rates.**
3. **The firm will hand over the complete system fully functional back to the department on completion of work.**
4. During the course of contract, the firm will co-ordinate with the Officer -in-charge along with rep of Firefighting Deptt, 61 Park on daily basis for effective execution of various activities concerning the servicing and operation of FADS, as per the details /particulars of maintenance schedules mentioned in **Annexure I.**
5. The staff deployed by the firm should have adequate qualification and experience. The firm will also deploy a senior engineer (having sound knowledge of Fire Fighting System), as and when required who will visit the site at least once in a month, to take up periodic maintenance and to ensure that the works are being accomplished as they are required under the condition of contract.

6. NOTES:-

- a. The tenderers may visit the site before submitting the tender so that they can themselves see the existing system for any clarification.
- b. No Tool for execution of services shall be supplied by the department.
- c. Cleaning materials such as surf / cotton / pilot lamp for indicating lamp, pvc tape etc. required for the execution of services shall be arranged by the contractor on his own.
- d. All needed accessories /spare parts consumables etc. required for proper functioning of main / zonal control panels like resistance, capacitors, leads transistors, and all cords shall be repaired / replaced by the contractor at no additional cost to the department.



-  Smoke detector (Upper ceiling)
-  Smoke detector (False ceiling)
-  MCP
-  Hooter/ Sounder Cum Strobe

Installation of FDAS at Corporate Communication – Diagram by GRSE

Estimated requirement for Installation of FADS at CC**Installation of Fire Alarm Detection System (FADS):-**

The floor is equipped with the fire alarm and firefighting systems. Presently, the complete Fire Alarm Detection System is fully operational and therefore the rates given in the schedule of quantity will be deemed to included cost of all the necessary materials and labour charges etc. required for satisfactory installation of the entire system, as per the schedule of quantities and good Official practice. **The firm should inspect the site and examine the installed systems before quoting their rates. Additional work (if any), needed to be carried out to make the system fully functional with their detailed specifications, quantities and rates etc. as the case may be. The payment of any required materials/parts will be done on the basis of bid submitted rates**

SI No	Items	Unit	Qty
1	Supply and installation of conventional optical type smoke detector with base. For below false ceiling area. Make: Apollo, System Sensor, GST.	Nos	07
2	Supply and installation of conventional combined multi Type smoke cum heat detector with base. Above false ceiling area Make: Apollo, System Sensor, GST	Nos	07
3	Supply and installation of conventional response indicator with double LED for integrate the signal of detectors placed above false ceiling .Make –Agni/ASES	Nos	07
4	Supply and installation of MCP with ABS body red colour .Make –Agni/ASES	Nos	02
5	Supply and installation of Sounder cum Strobe with ABS body red colour . Make – Agni/ASES	Nos	01
6	Supply and installation of 1.5 sq. .mm x 2 core copper armoured cable with complete fitting accessories. Make Polycab.	Mtrs.	280
7	Sounder cum strobe	Nos	02

ADDITIONAL CONDITIONS OF CONTRACT

1. **Without taking prior approval from the Nodal Officer, no fittings / materials will be removed for the purpose of repairs. It will be the contractor's responsibility to provide alternative serviced temporary arrangements for such items removed during the period of repair. The item will be repaired and into position so as ensure that the systems remains fully functional all the time.**
2. The firm shall maintain no disturbance in pre-installed FADS cables, control panel and other equipment during installation.
3. **The firm will hand over to GRSE the total system in fully functional condition at the end of completion of contract.**
4. The demonstration on the working of system shall be given to the Officer-in-charge.
5. **All materials to be used for installation of FADS parts shall be from the approved list and of ISI make.**
6. The firm shall depute to site one qualified Engineer to check the whole system at least once every month. A proper record will be maintained duly signed by the Engineer and countersigned by nodal Officer of the Employer concerning such visits. The firm shall submit a list of persons in advance deployed for the work.
7. **On the completion of installation, the firm will demonstrate the complete FADS by testing the system for a period of 45 minutes. The firm shall be responsible for proper working condition of FADS all the time and all parts found defective / damaged will have to be replaced as per GRSE AMC-FADS rate. In the event of failure of installation of FADS, the firm shall be fully responsible for lapses and will have to meet all the losses incurred due to failure of the system.**
8. The Officer in charge or his representative shall have full access to all installation at all time.
9. **Maintaining liaison with the Fire Department in case of fire and tests to be conducted to check the operation / readiness of the system shall be Firm's responsibility.**
10. **Responsibility of providing all spares and consumables items required for operation of the system shall be that of Firm only.**
11. **Non-deployment of competent staff / engineer service / and undue unjustified delays in rectification of any faults noticed and unsatisfactory maintenance of the complete fire system shall be treated as breach of the contract. Such situations, Department may consider imposing penalty or deduction of money from the payment to be made to the firm. The decision of department in this regard shall be final and binding on the part of the Firm.**

**Price Bid - Installation of FADS in Corporate Communication
at D block 1st Floor, 61 P, GRSE**

Sl No	Items	Unit	Qty	Rate(Rs)/unit	Amount(Rs)
1	Supply and installation of conventional optical type smoke detector with base. For below false ceiling area. Make: Apollo, System Sensor, GST.	Nos	07		
2	Supply and installation of conventional combined multi Type smoke cum heat detector with base. Above false ceiling area Make: Apollo, System Sensor, GST	Nos	07		
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4	Supply and installation of MCP with ABS body red colour .Make – Agni/ASES	Nos	02		
5	Supply and installation of Hooter/Sounder cum Strobe with ABS body red colour . Make –Agni/ASES	Nos	01		
6	Supply and installation of 1.5 sq. mm x 2 core copper armoured cable with complete fitting accessories. Make Polycab.	Mtrs.	280		
7	Supply and installation of Sounder cum strobe	Nos	02		
8	Charges of the Agency/ Contractor for installation of FADS			Lump-sum	

- **Rate should be, mentioned in both figure and words. In case of any mismatch between them, Figure will be considered final.**

Signature of the Bidder with date, stamp and Place