



# CITY OF HOUSTON

Administration and Regulatory Affairs Department  
Strategic Purchasing Division

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January 27, 2010

**Subject:** Letter of Clarification No. 1 to Invitation to Bid No. S50-C23530 to Furnish and Install a New 800 KW Generator at Houston TranStar for the Public Works and Engineering Department

**To:** All Prospective Contractors:

This letter of Clarification is being issued for the following reasons:

- **To revise the solicitation document as follows:**

1. Electronic Bid Form:  
The electronic bid form has been modified to add an "Optional Bid Item" to provide one 800 KW, 277/480 volt, 3 phase, 4 wire, diesel fuel generator, on skids, no installation required.
2. Section "B" - Scope of Work / Specifications:  
Delete page 6 of 108, and replace with the revised page 6 of 108, marked, Revised 01/25/2010.
3. Add Addendum No.1, dated, January 27, 2010  
See the attached Addendum No. 1, dated January 27, 2010.

When issued, Letter(s) of Clarification shall automatically become a part of the bid documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Letter(s) of Clarification. It is the responsibility of the bidders to ensure that it has obtained all such letter(s). By submitting a bid on this project, bidders shall be deemed to have received all Letter(s) of Clarification and to have incorporated them into this solicitation.

Furthermore, it is the responsibility of each Contractor to obtain any previous Letter of Clarification associated with this solicitation.

*Arturo Lopez*

Arturo Lopez  
Senior Procurement Specialist  
832-393-8731

- Attachments:**
1. Revised Scope of Work, page 6 of 108, marked, Revised 01/25/2010.
  2. Additional Structural Drawings, Nos. S-1 & S-2.
  3. Addendum No. 1, January 27, 2010

A PDF version of the Structural Drawing sheets can be viewed on the following web-site;  
<https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C23530>

*Partnering to better serve Houston*

Council Members: Brenda Stardig Jarvis Johnson Anne Clutterbuck Wanda Adams Mike Sullivan Al Hoang Oliver Pennington  
Edward Gonzalez James G. Rodriguez Stephen C. Costello Sue Lovell Melissa Noriega C.O. "Brad" Bradford  
Jolanda "Jo" Jones **Controller: Ronald C. Green**

**S-50-C23530  
LETTER OF CLARIFICATION NO.1  
FURNISH AND INSTALL A NEW  
800KW GENERATOR AT HOUSTON TRANSTAR  
FOR THE PUBLIC WORKS AND  
ENGINEERING DEPARTMENT**

**SECTION B  
SCOPE OF WORK**

**1.0 Summary of Scope of Work:**

**1.1 GENERAL**

**Revised 01/25/2010**

1.1.1 The work for this project shall require the Contractor to provide all labor, equipment, materials, and incidentals necessary to furnish and install a new 800 KW Generator and associated equipment. To furnish, install, test, program, and place the following systems in normal working conditions:

1.1.1.1 The Contractor shall provide and install a new 800 k.w 277/480 volt, 3 phase, 4 wire, diesel fuel, new emergency generator.

1.1.1.2 The Contractor shall provide and install a new 1,600 amp, 277/480 volt, 4 pole, 60 hz; automatic transfer switch (ATS) to receive emergency power from two emergency generators and feed emergency power to the existing emergency switchboard.

1.1.1.3 The Contractor shall provide and install a temporary emergency generator with portable cables.

1.1.1.4 The Contractor shall provide and install new emergency feeders.

1.1.1.5 The Contractor shall provide modifications to the existing emergency feeders and control wiring.

1.1.1.6 The Contractor shall provide and install new branch circuits to serve the new generator, ventilation fan, fuel pumps, etc.

1.1.1.7 The Contractor shall provide modifications to existing diesel fuel lines and new diesel fuel day tank with transfer fuel pumps.

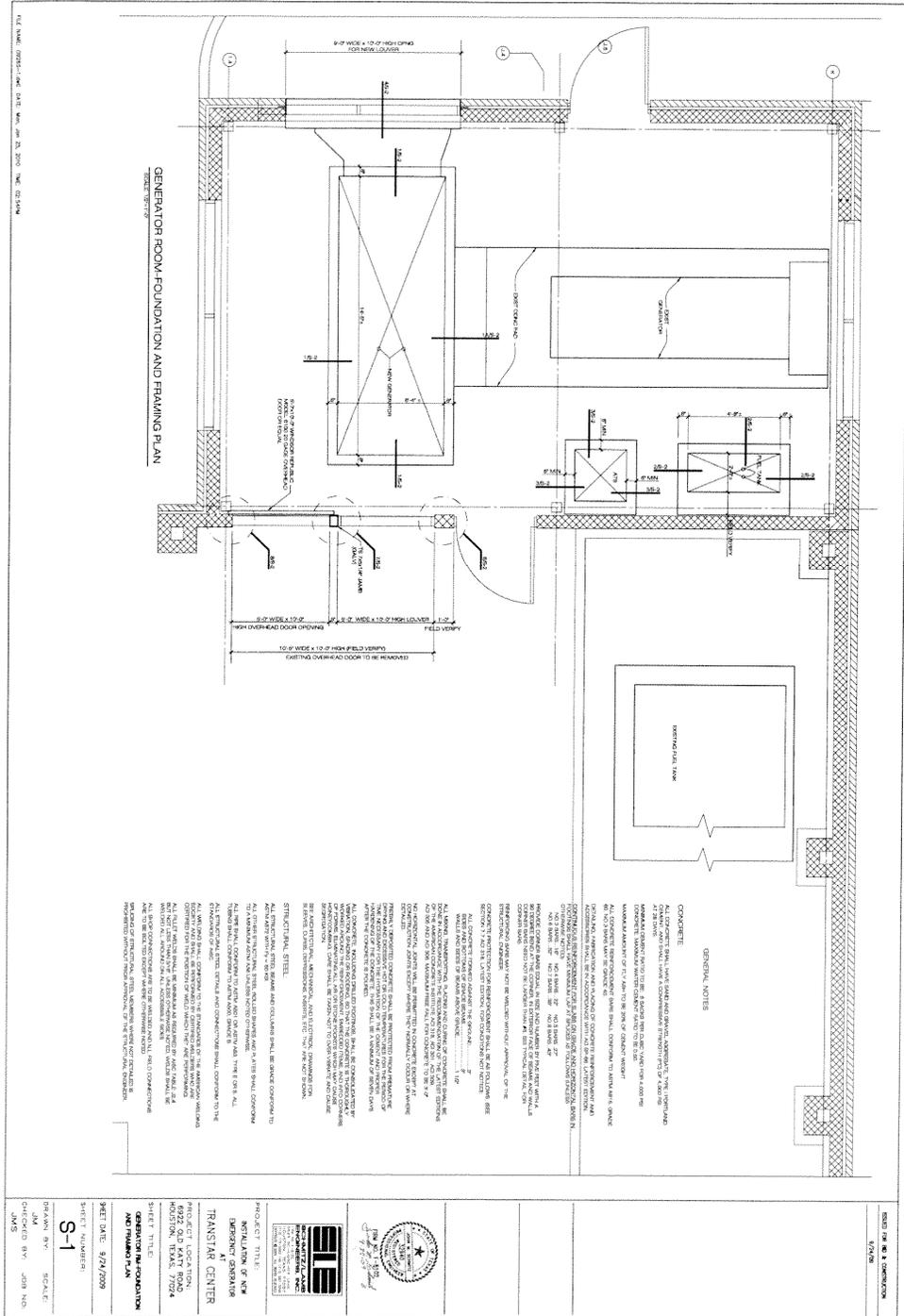
1.1.1.8 The Contractor shall provide and install new wall louvers, overhead door, ventilation fan, exhaust pipes, concrete, pads, etc.

***1.1.1.9 As an Option: the Contractor shall provide a second new 800 KW 277/480 volt, 3 phase, 4 wire, diesel fuel, new emergency generator on skids. This second generator will be a duplicate of the first, but will not be installed; it will be left at owner's site.***

1.2 The scope of work described above is a brief description of the work, entire scope of work shall be as per requirements of engineer's documents.

**END OF SCOPE OF WORK**

**S-50-C23530**  
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**800KW GENERATOR AT HOUSTON TRANSTAR**  
**FOR THE PUBLIC WORKS AND**  
**ENGINEERING DEPARTMENT**



**PROJECT TITLE:** INSTALLATION OF NEW TRANSTAR CENTER

**PROJECT LOCATION:** 4922 OLD MARY ROAD HOUSTON, TEXAS, 77024

**CLIENT:** HOUSTON TRANSTAR

**DESIGNER:** JAMES W. JAMES ARCHITECTS

**DATE:** 8/24/2009

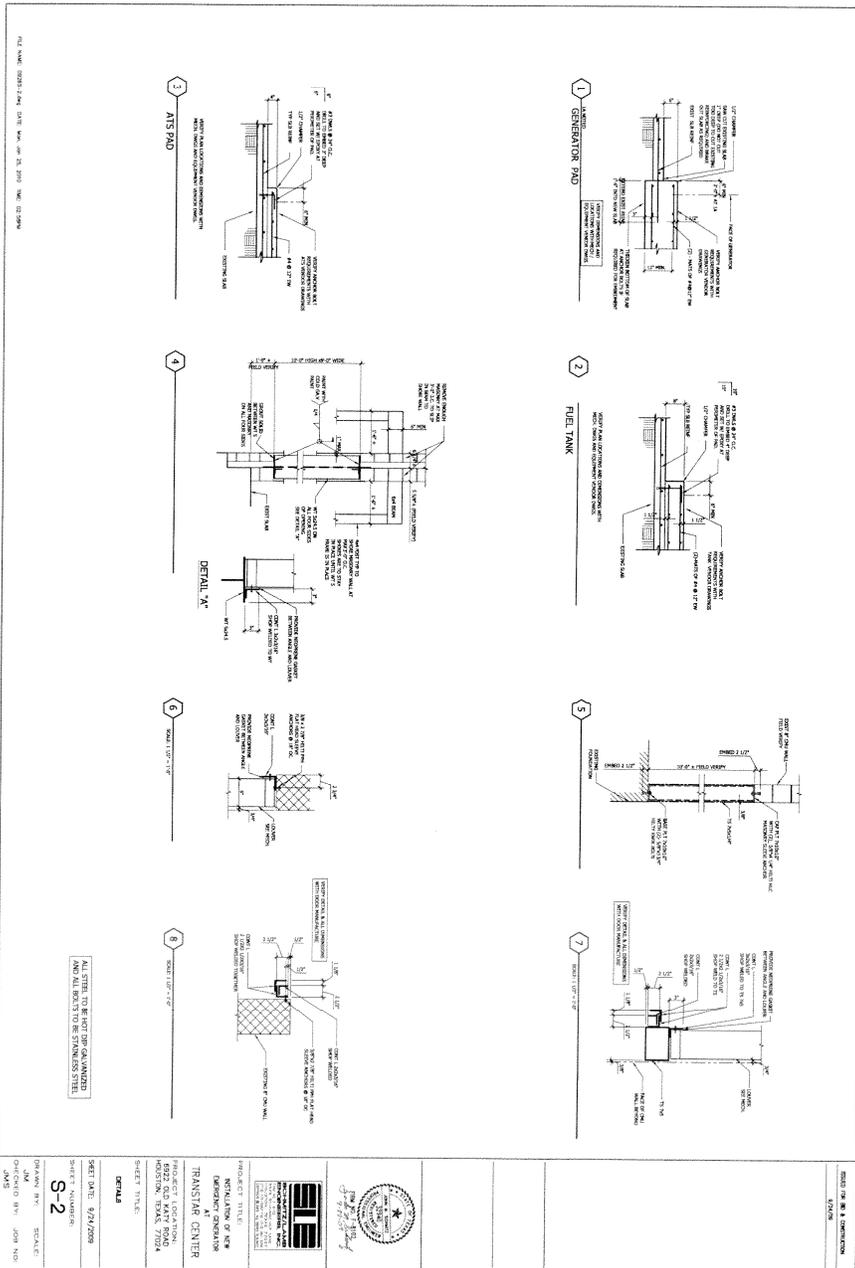
**SHEET NUMBER:** S-1

**SCALE:** AS SHOWN

**DESIGNED BY:** JWB

**CHECKED BY:** JWB

**S-50-C23530**  
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**DABHI ENGINEERING ASSOCIATES INC.**

21210 PARK YORK DR; KATY, TX 77450  
TEL (281) 492-6885; FAX (281) 492-8626

FURNISH AND INSTALL A NEW 800 KW GENERATOR AT  
HOUSTON TRANSTAR

Bid No. S50-C23530  
NIGP Code: 760-27/285-37

**ADDENDUM #1 (January 27, 2010)**

Addendum #1 consists of the following revisions to the bid drawings and specifications.  
Addendum #1 in its entirety shall be incorporated into contractors' bids:

**DRAWINGS:**

1. DWG. MEP-2:
  - A. New panel board E2 LLA: Panel board shall be 100 amp rated in lieu of 60 amp as specified.
  - B. Add General note-31, it shall read as follows:  
"All underground conduits and fittings specified in all bid drawings shall be PVC coated rigid galvanized steel (RGS) in lieu of specified rigid galvanized steel (RGS).
  - C. General note 16, a spelling correction: word "thur" shall be replaced with word "thru".
2. DWG. MEP-6:
  - A. Plan keyed notes 14 and 35 shall read to refer to structural drawings and DWG. MEP-5 and in lieu of architectural drawings.

**SPECIFICATIONS:**

3. Section 15608 (Flue Gases Vent Pipe and Insulation), sub-section 2.2 D shall read "Insulation thickness for emergency generator flue gases vent pipe shall be 2 inch.
4. Section 16110 (Electrical Raceways), sub-section 2.2 D add following paragraph  
"13. All underground conduits and fittings shall be PVC coated rigid galvanized steel."
5. Section 16210 (Diesel Fuel Emergency Generator)
  - A. Sub-section 2.2 A9, manufacturers names shall read as follows:  
John Deer, Cummins, Detroit Diesel, or Caterpillar.

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- B. Sub-section 4.4, paragraph "C" shall be added to read as follows:  
"Transtar building shall be served by the emergency power using the permanent emergency generator or temporary portable generator all the times.

Mswordfiles/HCE/Transtar-New-Gen-2008/CA/Addendum1.doc

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**END OF DOCUMENT**