



San Diego Unified School District

PHYSICAL PLANT OPERATIONS CENTER ANNEX
4860 Ruffner Street, San Diego, CA 92111-1522

(858) 496-1902
Fax: (858) 496-1953

March 19, 2020

Graham Champion
Labor Compliance and
Construction Contracts Supervisor

Mr. James Cox, P.E.
ENGIE Services U.S.
201 Lomas Santa Fe Drive, Suite 480
Solana Beach, CA 92075

VIA EMAIL ONLY
james.cox@engie.com
jonathan.brown@engie.com

Dear Mr. Cox:

Subject: PS18-0281-06 – Design and Construction of Solar Power Generation Systems at District Sites (SDUSD Project 91650075.1)

Notice to Proceed: No 10 – Knox Middles School Construction of Solar Photovoltaic System

This letter constitutes your notice to proceed for construction work at Knox MS per your attached proposal with the scope of work breakdown sent to David Beltran, dated August 6, 2019, for the not-to-exceed amount of \$775,098.00.

Work shall begin on March 27, 2020, and is to be completed by November 2, 2020.

Correspondence for this NTP is to reference Agreement PS18-0281; NTP 10; Project 91650075.1. In addition, invoices are to have a unique ENGIE invoice number.

Original invoice should be sent to:

San Diego Unified School District
PPO Center, Attn: Catherine Bendixen
4860 Ruffner Street
San Diego, CA 92111

Invoicing inquiries should be directed to Catherine Bendixen at (858) 637-6246.

Please call your construction manager if you have any questions regarding this NTP.

Sincerely,


George A. Hawkins III for GC
Graham Champion
Labor Compliance and Construction Contracts Supervisor

GC:mf

Attachments

C: J. Brown, ENGIE
S. Hawkins, Coordinator
N. Grosso, CM
D. Beltran, PM
J. Bermudez, IOR
I. Anderson, PSA



Original BAFO	
Single Site Price	\$ 695,125.19
Performance Guarantee	\$ 3,177.32
O&M / Extended Commissioning	\$ 9,116.17
D2 Form Corrections	\$ 9,000.00
Total Price	\$ 716,418.68

System Size Increase (Labor, Equipment, & Material):	
Modules Add - (42) additional modules	\$ 13,022.10
Structure Add - (4) additional columns	\$ 73,239.54
Inverter Add - (1) additional inverter	\$ 9,829.54
Sub-Total	\$ 96,091.18

DSA Required Design Changes:	
Structure Cost Increase	
DSA Pre-check change (Material, Equipment & Labor)	\$ 19,606.41
Sitework Increase (Plan Changes required at DSA, not in RFP docs)	
Move the storage trailer	\$ 1,787.02
Sub-Total	\$ 21,393.43

Steel Tarrifs:	
Material cost increase due to Steel Tarrifs imposed on March 1, 2018	\$ 27,019.71
Sub-Total	\$ 27,019.71

Engineering NTP	
Engineering NTP already issued for Knox School Design	\$ (85,825.00)
Sub-Total	\$ (85,825.00)

Construction NTP Request	\$ 775,098.00
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Mr. David Beltran
Sr. Project Manager
Facilities Planning and Construction

August 6th, 2019

Re: Proposal for Photovoltaic System at Knox Middle School

Dear Mr. Beltran,

We are pleased to submit this proposal to obtain construction Notice To Proceed (NTP) for the Photovoltaic canopy system at Knox Middle School. This proposal includes all material, labor, & equipment required to perform the following:

Scope of Work

- Provide, Install, & interconnect a 166.0kw DC Solar Canopy Structure, with an annual energy output of 295.6 MWh per year, as requested by the district.
- Provide and install all inverters, disconnects, metering equipment, distribution equipment, and balance of systems components as needed to complete and operate the system.
- Install temporary fencing, portable bathrooms, hand wash station, and Best Management Practices (BMPs).
- Perform all trenching, directional boring, as needed to install system.
- Provide & install spare EV Charging conduit per plans.
- Provide & install spare Security camera conduit per plans.
- Restore, to original conditions anything damaged during construction, including all: landscaping, asphalt, concrete, parking-lot striping, curbs, and masonry.
- Re-stripe non-compliant ADA parking stall and extend path of travel to new ADA stall locations.
- Perform commissioning and NETA testing of the PV System and electrical components per SDUSD approved specification and RFP documents.
- Move storage container from under the array to an alternate location.
- Perform 2 years of Extended Commissioning of the PV System per RFP documents.
- Deliver 2 years of Performance Guarantee (PEGU) of the PV System per RFP documents.
- Installation to comply with Division of State Architect (DSA) approved plans, SDUSD approved specifications, & RFP documents.

During design development, several things have changed from the initial bid that must be accounted for in the final Construction NTP amount. The following is a summary of those items.

System Size Increase

- The original target solar PV production listed in the RFP was 261.0 MWh per year. During design development, the annual target for PV solar production was increased to 295.4 MWh. This increased system size results in extra costs for material and installation of (42) additional solar modules, (1) inverter, and an additional canopy structure.

DSA Required Design Changes

- During the Bid process, it was anticipated that design NTP would be issued in time to utilize the DSA approved canopy pre-check. However, during contract negotiations it became clear that the design NTP would not be issued until after new DSA regulations would take effect. The result of these changes is an increase to the material & labor cost of the canopy structure. The cost

impact of these changes could not be calculated at the time of contract, therefore they were excluded from our Best And Final Offer (BAFO) and noted in the contract.

Steel Tariffs

- At time of bid, no steel tariffs were in effect. Since then, the U.S. Government has levied tariffs on steel which have had a significant effect on the canopy material costs. Cost impact due to steel tariffs were excluded from the bid and noted in the contract.

Please review the following accounting of these changes. Backup documentation to be supplied separately. Thank you for the opportunity to provide this proposal.

Arthur Ealba

Arthur V. Ealba

Project Manager

Mobile **626.414.7391**

Email arthur.ealba@engie.com

ENGIE Services U.S.

765 The City Dr. South, Suite 475
Orange, CA 92868



ID	Task Mode	Task Name	Duration	Start	Qtr 2, 2019	Qtr 3, 2019	Qtr 4, 2019	Qtr 1, 2020	Qtr 2, 2020	Qtr 3, 2020	Qtr 4, 2020
1		Knox Middle School - Solar PV Canopy Construction Schedule (166kW)	367 days	Fri 6/7/19							
2		DSA Box Open	0 days	Fri 6/7/19							
3		Construction NTP	1 day	Fri 3/27/20							
4		Material Submittals approval in Unifier	15 days	Mon 3/30/20							
5		Material Procurement	35 days	Mon 4/20/20							
6		Mobilization, Temp Fencing, USA	2 days	Mon 6/8/20							
7		Drill foundations, Set Posts, Pour concrete	10 days	Wed 6/10/20							
8		Weld Beams, Set Purlins	7 days	Wed 6/24/20							
9		Trenching and Directional Boring	12 days	Wed 6/24/20							
10		Install Modules	10 days	Fri 7/3/20							
11		Array wiring & Canopy Lighting	10 days	Fri 7/17/20							
12		Inverter installation	10 days	Fri 7/24/20							
13		AC Panelboard, Transformer and DAS installation	9 days	Fri 8/7/20							
14		AC Disconnect installation and Switchgear tie-in	11 days	Thu 8/20/20							
15		Commissioning & 3rd Party Testing	10 days	Fri 9/4/20							
16		IOR Signoff and submit PTO request to Utility	12 days	Fri 9/18/20							
17		Obtain PTO	12 days	Tue 10/6/20							
18		Substantial Completion	0 days	Wed 10/21/20							
19		Customer Punch List & Site restoration	8 days	Thu 10/22/20							
20		Final Completion / Extended Commissioning Start Date	0 days	Mon 11/2/20							

Project: Knox Middle School
Date: Sun 12/15/19

Task Split Milestone Summary

Project Summary Inactive Task Inactive Milestone Inactive Summary

Manual Task Duration-only Manual Summary Rollup Manual Summary

Start-only Finish-only External Milestone External Milestone

Deadline Progress Manual Progress

NTP Request (No PO Exists)

 Upper Form

Record Information

Record Number: NTP-000006	Creator: Nevine Grosso
Project Name: Knox MS Solar Photovoltaic	Creation Date: 03/17/2020 11:11 AM (UTC-8)
Project Number: 91650075.1	Status: Approved
	Record Last Update Date: 03/19/2020 11:15 AM (UTC-8)

NTP Information

Peoplesoft PO Number:
PS Requisition ID:
Campus/Tenant Name:
Title: Knox MS Solar PV Construction NTP
NTP Number: NTP 10 Knox MS
Estimated Task Order Amount: \$775,098.00

Contract Details

Reference Contract: CON-000197	Effective Date: 09/28/2018 05:00 PM (UTC-8)
Contract Number: PS18-0281-06	Expiration Date: 09/28/2020
Contract Title: DB Solar Power Generation at Six Sites	
Contract Type: Standard	
Vendor Name: Engie Services (Formerly OpTerra)	Full Contact Name:
Doing Business As (DBA): N/A	E-Mail:
Vendor ID: 0000034812	

NTP Processing (Informational Only)

Contract Specialist: Mayra Flores
FPC Director / PPO: Don Webb
PPO Lead:

Job Order Contract (JOC) Required Fields

To activate these fields, verify a JOC Contract has been selected above.

Is a completed Job Order Cost Evaluation PDF attached and does it demonstrate the contractor's proposed fee for this project is reasonable and cost effective?:

Is contractor's complete list of employees and signed background check certification statement attached?:

Is contractor's complete list of subcontractors and signed certification statement attached?:

Is contractor's proposal attached and is it complete and accurate?:

Task Order Description

Description: Provide all labor, material and equipment for the construction of the Solar PV canopy structure, a Design Build Turnkey Project, at Knox Middle School per DSA approved drawings # 04-118535 dated 6/13/2019, all relevant CCDs, RFIs, SDUSD Project Specifications submitted on 5/24/2019, WPCP, Construction Schedule dated 8/1/2019 and the Construction Management Plan.

Price to include the installation of a 166.0KwDc canopy solar photovoltaic system at Knox Middle school. Provide and install design build inverters, disconnects, metering equipment, distribution equipment and balance of system components as needed to complete and operate the system per the approved DSA drawings and in accordance with the SDUSD project specifications. Provide and install EV charging conduits and spare security camera conduits per plans and specifications. The photovoltaic panels are installed over parking spaces. The panels are mounted on a steel frame, creating new shaded parking and pedestrian canopies with LED lighting. The system is a renewable power source with an annual estimated production of up to 295.4 MWh of electrical energy. The A2 year extended commissioning period and PeGu will be provided beginning after the completion of the Engie performance validation period.

Justification: Scope and terms are in accordance with contract PS18-0281-06

Task Order Location

Proposed Task Order Start 04/01/2020

Date:

Final Task Order Start Date: 03/27/2020

Proposed Task Order End 10/21/2020

Date:

Final Task Order End Date: 11/02/2020

Original Completion Date: 11/02/2020

Project Costing Data

Business Unit: SDUSD

Project Name: Knox MS Solar Photovoltaic

Project ID: 91650075.1

Peoplesoft Activity ID: (H) Construction

Project Costing Resource: SVCS

Budget Journal (PS)

Budget Transfer Journal: 443905

Budget Journal: 443906

Ledger Group:

Budget Period:

Task Details

Record has been closed.

Workflow Progress

Step Name	Assignee	Company	Status	Action	Completion Date
Creation (PM, SpPM, CM)	Nevine Grosso	SDUSD	Completed	Request NTP	03/17/2020 11:11 AM
01 Contracts Specialist	Linda Weekly	SDUSD	Completed	Send to CSE	03/18/2020 07:29 AM
02 CSE	Darryl Givens	SDUSD	Completed	Send to Supervisor	03/18/2020 08:53 AM
03 Supervisor	Sydney Hawkins	SDUSD	Completed	Send to Director	03/18/2020 09:05 AM
04 Director	Don Webb	SDUSD	Completed	Send for Funding	03/18/2020 12:13 PM
05 Lead CSE	Greg McFarlane	SDUSD	Completed	Send to Budget Analyst	03/18/2020 03:15 PM
06 Budget Analyst	Pimenta Rafuca	SDUSD	Completed	Send to Contracts Specialist	03/19/2020 08:51 AM
07 Contracts Specialist	Linda Weekly	SDUSD	Completed	Send to Contracts Supervisor	03/19/2020 10:45 AM
08 Contracts Supervisor	Graham Champion	SDUSD	Completed	Approve	03/19/2020 10:46 AM
09 CS Add Pplsoft Fields	Linda Weekly	SDUSD	Completed	Close NTP, Create Unifier PO	03/19/2020 11:15 AM

 **Standard**

2 Item(s)

No.	Budget String	Code Name	Short Description	Amount	Fund-Resource Code Name	Line Type (for IDIQ)
001	9165-90403-00-6200-8500-0000-21400-8675	Z.FPC Construction EFFICNY	NTP 10 Knox MS	\$245,000.00	Prop Z - 90403	Base Item
002	9165-90502-00-6200-8500-0000-21500-8675	Y.FPC Construction EFFICNY	NTP 10 Knox MS	\$530,098.00	Measure YY - 90502	Base Item

Total Amount \$775,098.00

Attachments (2)

Linked Records (0)

Linked Mail (0)