



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

July 11, 2019

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
jbrown@engie.com

Dear Mr. Cox:

Subject: PS18-0281-06 – Design and Construction of Solar Power Generation Systems at District Sites (SDUSD Project 93400075.1)

Notice to Proceed: No 07 –Kearny High School Construction of Solar Photovoltaic System

This letter constitutes your notice to proceed for construction work at Kearny High School per your attached proposal with the scope of work breakdown dated May 31, 2019, for the not-to-exceed amount of \$1,035,177.42.

Work shall begin on July 12, 2019, and is to be completed by December 16, 2019.

Correspondence for this NTP is to reference Agreement PS18-0281; NTP 07; Project 9340075.1. 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,

A handwritten signature in blue ink, appearing to read "G. Champion".

Graham Champion

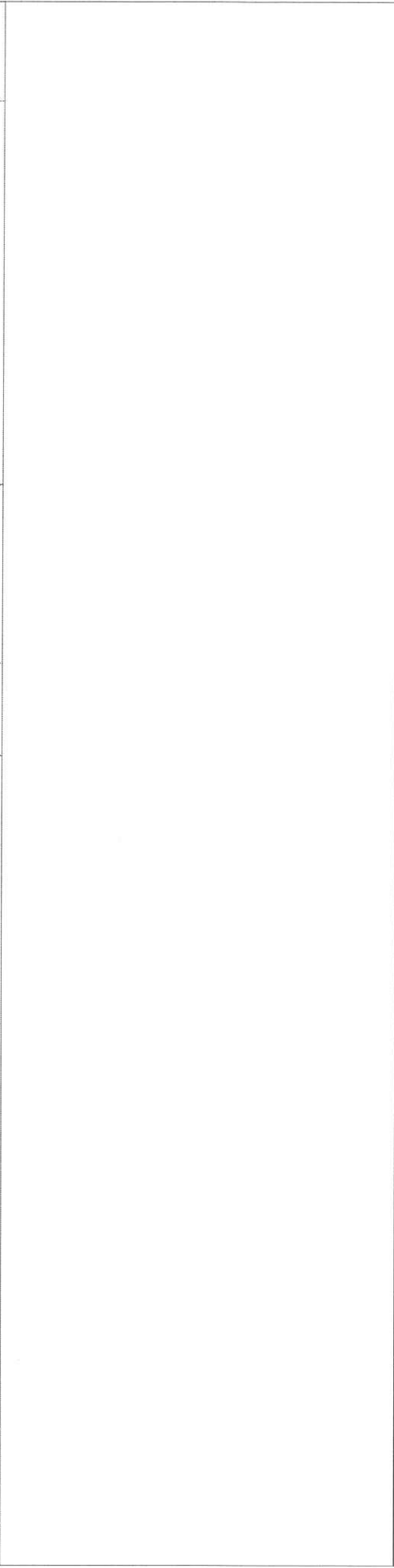
Labor Compliance and Construction Contracts Supervisor

GC:mf

Attachments

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

ID	Task Mode	Task Name	Start	Finish	Duration	Qtr 2, 2019	Qtr 3, 2019	Qtr 4, 2019	Qtr 1, 2020
1		Kearny Construction Schedule	Mon 4/29/19	Mon 1/13/20	186 days				
2		DSA Box Open	Mon 4/29/19	Mon 4/29/19	0 days				
3		Construction NTP	Fri 7/12/19	Fri 7/12/19	0 days				
4		Submittals, Procurement, & Fabrication	Fri 7/12/19	Wed 7/24/19	9 days				
5		Mobilization, Temp Fencing, USA	Thu 7/25/19	Wed 7/31/19	5 days				
6		Drill foundations, Set Posts, Pour concrete	Thu 8/1/19	Wed 8/14/19	10 days				
7		Trenching and Directional Boring	Thu 8/1/19	Wed 8/14/19	10 days				
8		Weld Beams, Set Purlins	Thu 8/15/19	Wed 8/21/19	5 days				
9		Install Modules	Thu 8/22/19	Wed 8/28/19	5 days				
10		Array wiring & Canopy Lighting	Thu 8/29/19	Wed 9/11/19	10 days				
11		Inverter and Panel board installation	Thu 9/12/19	Wed 9/25/19	10 days				
12		Transformer & Medium Voltage Switch Installation	Mon 10/28/19	Fri 11/8/19	10 days				
13		Utility Interconnection & AC Disconnect Installation	Mon 11/11/19	Fri 11/15/19	5 days				
14		Commissioning & 3rd Party Testing	Mon 11/18/19	Fri 11/22/19	5 days				
15		IOR Signoff and submit PTO request to Utility	Mon 11/25/19	Fri 12/6/19	10 days				
16		Obtain PTO	Mon 12/9/19	Fri 12/13/19	5 days				
17		Substantial Completion	Mon 12/16/19	Mon 12/16/19	1 day				
18		Customer Punch List	Tue 12/17/19	Mon 1/13/20	20 days				
19		Final Completion / Extended Commissioning Start Date	Mon 1/13/20	Mon 1/13/20	0 days				



Project: Kearny Construction Sc
Date: Thu 7/11/19

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 Tasks External Milestone

Deadline Progress Manual Progress

PS18.0281 NTP 07



San Diego Unified School District Photovoltaic Project Group 2 - Kearny High School

Original BAFO	
Single Site Price	\$ 1,104,845.00
Performance Guarantee	\$ 4,839.00
O&M / Extended Commissioning	\$ 12,070.00
Total Price	\$ 1,121,754.00

System Size Adjustment (Labor, Equipment, & Material):	
Module Credit	\$ (36,175.40)
Structure Credit	\$ (39,497.45)
Inverter Credit	\$ (10,368.29)
Sub-Total	\$ (86,041.14)

DSA Required Design Changes:	
Structure Cost Increase	
DSA Pre-check change (Material, Equipment & Labor)	\$ 36,495.34
ADA(Plan Changes required at DSA, not in RFP docs)	
(N) Tow Away Sign (plans pg. KHS-A.1)	\$ 942.48
Curb Cut & install 20' of new curb (plans pg. KHS-A.3)	\$ 3,593.99
Concrete demo, (2) New concrete ramp & truncated Domes (plans pg. KHS-A.3)	\$ 9,361.97
Restriping required for existing ADA not in compliance (plans pg KHS-A.3)	\$ 3,850.34
Sub-Total	\$ 54,244.12

Steel Tariffs:	
Material cost increase due to Steel Tariffs imposed on March 1, 2018	\$ 32,020.44
Sub-Total	\$ 32,020.44

Engineering NTP	
Engineering NTP already issued for Kearny High School Design	\$ (86,800.00)
Sub-Total	\$ (86,800.00)

Construction NTP Request	\$ 1,035,177.43
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Mr. David Beltran
Sr. Project Manager
Facilities Planning and Construction
c.c. Mr. Mike Watts
c.c. Mr. Sydney Hawkins

May 31, 2019

Re: Proposal for Photovoltaic System at Kearny High School

Dear Mr. Beltran,

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

Scope of Work

- Provide, Install, & interconnect a 236.7kw DC Solar Canopy Structure, with an annual energy output of 414.3 MWh per year, as requested by the district.
- Provide and install all inverters, transformers, 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, Demo non-compliant ramp and install new truncated domes,
- Perform commissioning and NETA testing of the PV System and electrical components per SDUSD approved specification and RFP documents
- 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 Reduction

- The original target solar PV production listed in the RFP was 457.0 MWh per year. Due to new energy efficiency measures discovered in design development, the annual target for PV solar production was reduced to 413.3 MWh. This reduced system size results in a credit to the district for material and installation costs of (90) solar modules, (1) inverter, and associated 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 system. 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.

- During the DSA plan check, some deficiencies to the existing Americans with Disabilities Act (ADA) path of travel were noted. While these upgrades need to be corrected in-order to obtain approval on the new PV System, they are existing deficiencies not related to the new PV system, and were not noted in the RFP documents. These upgrades were not anticipated to be needed during the bid or design development phase and therefore not included in the bid. These changes include: Install (1) new sign, Demo of existing concrete ramp & installation of (2) truncated domes, cut curb and install 20' of new concrete curb, and correct/re-stripe a non-compliant ADA Parking space.

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.

Sincerely,


James Cox

James Cox, P.E.

Project Manager

Mobile 626.710.0202

Email james.cox@engie.com



engieservices.us

ENGIE Services U.S.

150 East Colorado Blvd. Suite 360

Pasadena, CA 91105

NTP Request (No PO Exists)

Upper Form

Record Information

Record Number: NTP-000004	Creator: Nevine Grosso
Project Name: Kearny HS Solar Photovoltaic	Creation Date: 06/06/2019 10:50 AM (UTC-8)
Project Number: 93400075.1	Status: Approved
	Record Last Update Date: 07/11/2019 02:39 PM (UTC-8)

NTP Information

Peoplesoft PO Number:
 PS Requisition ID:
 Title: Kearny HS Solar PV Construction
 NTP Number: NTP 07 Kearny HS
 Estimated Task Order Amount: \$1,035,177.42

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:	
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 Kearny High School per DSA approved drawings # 04-118393 dated 4/25/2019, all relevant CCDs, RFIs, SDUSD Project Specifications submitted on 5/24/2019, WPCP, Construction Schedule dated 5/28/2019 and the Construction Management Plan. Price to include the installation of a solar photovoltaic system at Kearny High School, PV panels, associated DC and AC wiring, switchboards and new main switchgear per the approved DSA drawings and in accordance with the SDUSD project specifications. The photovoltaic panels are installed over parking spaces near the northeast corner of campus. 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 413.3 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 06/24/2019
Date:

Final Task Order Start Date: 07/12/2019

Proposed Task Order End 12/27/2019
Date:

Final Task Order End Date: 12/16/2019

Original Completion Date: 12/16/2019

Project Costing Data

Business Unit: SDUSD

Peoplesoft Activity ID: (H) Construction

Project Name: Kearny HS Solar Photovoltaic

Project Costing Resource: SVCS

Project ID: 93400075.1

Budget Journal (PS)

Budget Transfer Journal: 427491

Ledger Group:

Budget Journal: 427492

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	06/06/2019 10:50 AM
01 Contracts Specialist	Linda Weekly	SDUSD	Closed	Send to CSE	06/10/2019 03:21 PM
02 CSE	Darryl Givens	SDUSD	Closed	Send to Supervisor	06/18/2019 08:51 AM
03 Supervisor	Sydney Hawkins	SDUSD	Closed	Send to Director	06/25/2019 01:25 PM
04 Director	Gary Stanford	SDUSD	Closed	Send for Funding	06/26/2019 06:23 AM
05 Lead CSE	Greg McFarlane	SDUSD	Closed	Send to Budget Analyst	06/26/2019 08:04 AM
06 Budget Analyst	Linda Balvaneda	SDUSD	Closed	Return to Controls	06/28/2019 01:34 PM
05 Lead CSE	Greg McFarlane	SDUSD	Closed	Send to Budget Analyst	07/01/2019 10:58 AM
06 Budget Analyst	Linda Balvaneda	SDUSD	Closed	Send to Contracts Specialist	07/03/2019 04:12 PM
07 Contracts Specialist	Linda Weekly	SDUSD	Closed	Return to Creator for Revision	07/08/2019 01:54 PM
01x Creator Revision	Nevine Grosso	SDUSD	Completed	Return to Contracts Specialist	07/08/2019 02:04 PM
01 Contracts Specialist	Linda Weekly	SDUSD	Completed	Send to CSE	07/08/2019 03:28 PM
02 CSE	Darryl Givens	SDUSD	Completed	Send to Supervisor	07/09/2019 07:49 AM
03 Supervisor	Sydney Hawkins	SDUSD	Completed	Send to Director	07/09/2019 03:16 PM
04 Director	Don Webb	SDUSD	Completed	Send for Funding	07/10/2019 09:30 AM
05 Lead CSE	Greg McFarlane	SDUSD	Completed	Send to Budget Analyst	07/10/2019 10:32 AM
06 Budget Analyst	Linda Balvaneda	SDUSD	Completed	Send to Contracts Specialist	07/11/2019 08:58 AM
07 Contracts Specialist	Linda Weekly	SDUSD	Completed	Send to Contracts Supervisor	07/11/2019 01:25 PM
08 Contracts Supervisor	Graham Champion	SDUSD	Completed	Approve	07/11/2019 01:27 PM
09 CS Add Pplsoft Fields	Linda Weekly	SDUSD	Completed	Close NTP, Create Unifier PO	07/11/2019 02:39 PM

 **Standard**

3 Item(s)

No.	Budget String	Code Name	Short Description	Amount	Fund-Resource Code Name	Line Type (for IDIQ)
003	9340-90403-00-6200-8500-0000-21500-8675	Z.FPC Construction EFFICNY	NTP 07 Kearny HS O&M Extended Commissioning	\$12,070.00	Measure YY - 90403	Base Item
002	9340-90403-00-6200-8500-0000-21500-8675	Z.FPC Construction EFFICNY	NTP 07 Kearny HS Performance Guarantee	\$4,839.00	Measure YY - 90403	Base Item
001	9340-90403-00-6200-8500-0000-21500-8675	Z.FPC Construction EFFICNY	NTP 07 Kearny HS Solar Construction	\$1,018,268.42	Measure YY - 90403	Base Item

Total Amount \$1,035,177.42

 **Record - General Comments**

6 Item(s)

Comment Date 06/28/2019 01:34 PM (UTC-8)	Created By Linda Balvaneda	Company SDUSD
Comment Text		
Please confirm use of this resource/fund combination as funds are dwindling;		
07/01/2019 10:58 AM (UTC-8)	Greg McFarlane	SDUSD
Comment Text		
please use 90403/21500		
07/08/2019 01:53 PM (UTC-8)	Linda Weekly	SDUSD
Comment Text		
Nevine, I am sending this back. The total was off by \$.01. Please update the estimated task amount to \$1,035,177.42. I have updated the numbers on the lower form. Thank you, mf		
07/08/2019 02:03 PM (UTC-8)	Nevine Grosso	SDUSD
Comment Text		
Sorry about that. Thank you Linda.		
07/09/2019 09:15 AM (UTC-8)	Mayra Flores	SDUSD
Comment Text		
All, please send forward for approval today 7/9/19. Thank you, mf		
07/09/2019 03:16 PM (UTC-8)	Sydney Hawkins	SDUSD
Comment Text		
You've got to be kidding--this gives a new meaning to a dime holding a dollar. In this case it's a penny holding a million dollars?		

Attachments (4)

Linked Records (0)

Linked Mail (0)