

**BOARD OF PUBLIC
WORKS & SAFETY
MEMBERS**

Randy Graham
Nick Barbknecht
Mayor Willis



CITY OF WESTFIELD, IN
Board of Public Works Meeting Agenda

BOARD OR COMMISSION: Board of Public Works Meeting

MEETING DATE: Monday, January 13, 2025 at 10:00 AM

MEETING PLACE: Westfield City Hall- Assembly Room

THE FOLLOWING AGENDA IS SUBJECT TO CHANGE AT THE DISCRETION OF BOARD OF PUBLIC WORKS

APPROVAL OF MINUTES

OPENING OF REGULAR MEETING

Note the presence of a quorum

Approval of Minutes

CONTRACTS/AGREEMENTS

Action Item #1:

Westfield Fire Department – Station 84 BOT First Addendum to PPA

PERMIT APPROVAL

CONSENT AGENDA

DEPARTMENT REPORTS

ADJOURNMENT

FIRST ADDENDUM TO
PUBLIC PRIVATE AGREEMENT
AND
APPROVAL OF THE PROJECT BUDGET
(Westfield Fire Station 84 BOT)

This First Addendum to Public Private Agreement and Approval of Project Development Proposal (Westfield Fire Station BOT) (the “First Addendum”) is executed by and between Envoy Construction Services, LLC, an Indiana limited liability company (the “Developer”) and the City of Westfield, Indiana (the “City”) as of January ___, 2024 (the “First Addendum Effective Date”).

RECITALS

WHEREAS, City and Developer entered into that Public Private Agreement (Westfield Fire Station 84 BOT) dated November 20, 2024 (the “PPA”);

WHEREAS, Section 10 of the PPA requires that the City approve Project Budget/Costs (Project Budget) for the Project (the “Project”) requested by City;

WHEREAS, Developer has presented the Project Budget attached as Exhibit A;

WHEREAS, City has approved the Project Budget for the Project; and

WHEREAS, Developer and City desire to enter into this First Addendum;

AGREEMENT

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are acknowledged hereby, Developer and City agree as follows:

- 1. Final Plans.** The Final Plans, as approved by City, are attached to this First Addendum within the GMP Report included within the Project Budget.
- 2. Final Project Budget.** The Final Project Budget, as approved by the City, is attached to this First Addendum as Exhibit A.
- 3. Commencement.** In accordance with the terms and conditions of the PPA, this First Addendum, Developer is authorized to commence construction of the Project pursuant to the Project construction schedule.
- 4. Miscellaneous.** All capitalized terms used herein and not otherwise defined herein shall have the meanings ascribed to them in the PPA. Except as expressly set forth herein, all the terms and conditions of the PPA shall remain unaltered and in full force and effect. In the event of any conflict between the PPA and this First Addendum, the terms and conditions of this First Addendum shall control. This First Addendum shall be governed by and construed in accordance with the laws of the State of Indiana, without regard to the conflicts of laws principles thereof.

[Signature page to follow.]

IN WITNESS WHEREOF, the parties hereto have executed this First Addendum as of the date first written above.

DEVELOPER:

Envoy Construction Services, LLC, an Indiana limited liability company



DocuSigned by:
By: John Barbee
2B403C0794954C1...

Printed: John Barbee

Title: President / COO, Envoy, Inc. Its Manager

CITY:

City of Westfield, Indiana

By: _____

Printed: _____

Title: _____

EXHIBIT A

Project Budget

See GMP Report attached hereto and incorporated by reference.



City of Westfield, Indiana Westfield Fire Department 84

GMP REPORT REVISION 2

Prepared for:

Scott Willis, Mayor – City of Westfield
Danielle Carey-Tolan, Chief of Staff – City of Westfield
Rob Gaylor, Fire Chief - City of Westfield
Ken Alexander, Owner's Representative - Bravia Services
Randy Zentz, Owner's Representative - Zentz Consulting, LLC

Prepared by:

Envoy Construction Services, LLC - BOT Developer

Date:

December 20, 2024

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Executive Summary - EXHIBIT 'A'

December 20, 2024

RE: City of Westfield - New Fire Station No. 84

Guaranteed Maximum Price (GMP) Process Overview:

Over the past several months, Envoy Construction Services (Envoy) has worked diligently with the City's Design Partners and Owner's Representatives to prepare a GMP that fits the City's scope and budget. In coordination with the City's Architect, Engineers, and Owner's Representatives, Envoy was able to achieve a viable project that will serve the City of Westfield, Indiana for years to come. Envoy and the City's design partners worked to develop the final design drawings and specifications to detail out the final Project Scope. Upon completion of the final design drawings and specifications, Envoy solicited competitive proposals from qualified Trade Partners on June 18, 2024 with bids being due on July 3, 2024.

Over the course of bidding there were (3) three addendums and (1) ASI issued, please see below addendum summaries:

Addendum No.1 - Dated June 20, 2024

- StudioAxis Addendum No. 1
- Pre-Bid Meeting Reminder
- Cost Escalation Inclusions
- Bonding Cost and Bonding Rate Alternate Added

Addendum No. 2 - Dated June 28, 2024

- StudioAxis Addendum No. 2
- Pre-Bid RFI Answers

Addendum No. 3 - Dated July 1, 2024

- StudioAxis Addendum No. 3

ASI No. 1 - Dated August 14, 2024

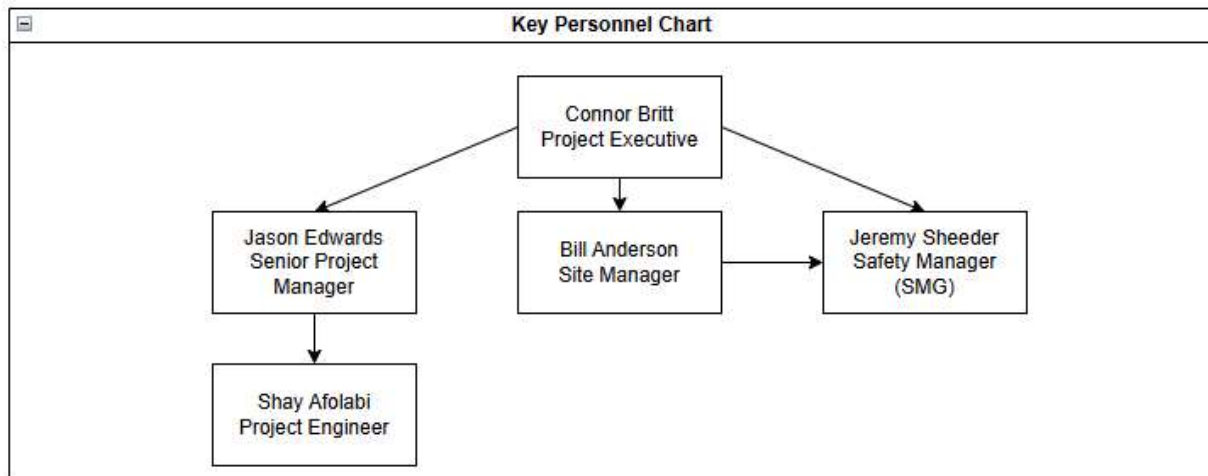
- StudioAxis ASI No. 1

Envoy has thoroughly reviewed proposals from all Trade Partners to ensure alignment with the provided Construction Documents and Specifications. After comprehensive bid comparisons and scope review meetings, we are confident in the assembled project team and the alignment of all aspects with the City of Westfield's expectations.

Project Staff Members & Responsibilities:

The Envoy project team will be led by Connor Britt as the Project Executive. Connor will fulfill the requirements of Section 5 of the PPA and will assign project responsibilities and provide a project and site management staff to handle all project coordination and oversight efforts. This includes contract management, product data reviews, information requests, budget management, and site management from the Notice to Proceed through Westfield’s occupancy and warranty phases of the project.

Envoy will also provide support staff to assist the project manager, both on and off-site, with daily tasks and coordination. These support staff members may include a Project Engineer, Project Coordinator, Project Accountant, and Safety Manager at different stages during the project execution. Please see below Key Personnel that have been assigned to the Project:



Project Schedule:

Envoy has estimated that the project will be completed within 14 months of executing the GMP Report by implementing the First Amendment to the Public Private Agreement. They will use a Milestone Schedule to manage project deadlines, provide bi-weekly three-week look ahead schedules to the Project Team and End Users, and update the Milestone Schedule monthly with input from Trade Partners or as needed due to schedule changes.

Project Challenges & Solutions:

The development of the Project Scope has yielded many complexities that have been reviewed and addressed within our Guaranteed Maximum Price (GMP). Please see below for a list of a few of the key complexities that have been identified and addressed with solutions to ensure a successful delivery of the Project.



Long Lead Time Materials/Equipment & Price Escalations:

- **Challenges:** Many markets nationwide are facing material availability and cost volatility issues for construction projects, making procurement and protecting GMP pricing a challenge.
- **Solutions:** Envoy has developed a plan to prioritize and expedite long lead time materials, as well as promptly process product design submittals for early procurement orders.

Limited Site Space:

- **Challenges:** The current site lacks sufficient space for material storage, trade parking, and implementation of the project's scope. This poses a challenge due to industry standard lead time issues and limited space for work implementation.
- **Solutions:** Envoy will work with Trade Partners to arrange "Just-in-Time" deliveries to minimize site overcrowding with materials and equipment. Additionally, Envoy will coordinate offsite storage measures with Trade Partners to ensure timely availability of materials and equipment for scheduled installation. Offsite storage will be insured and documented to facilitate procurement and payment for the materials and equipment by our Trade Partners.

Busy Road @ 191st Street:

- **Challenges:** The project site is situated off of 191st Street, which is heavily utilized by the residents of Westfield and others throughout the day. This poses a challenge for implementing the site utilities scope of work and for delivering large materials.
- **Solutions:** Envoy will develop and maintain a traffic management plan for all project activities that affect the use of 191st Street. We will also coordinate all deliveries to ensure the safe passage of Westfield's residents and others using 191st Street, as well as our trade partners. If necessary, Envoy can implement an official Motion of Traffic (MOT) plan to help plan and mitigate any potential traffic-related issues.

Summary:

Envoy looks forward to working with the City of Westfield to finalize both our Public Private Agreement and this GMP to ensure a successful and transformative project for the community. While the Project has its challenges, we are confident that we have taken necessary precautions in an attempt to minimize project risks. We have begun to turn our attention to implementation of the scope of work and will continue to address our procedures, processes, and coordination before and during the course of construction.

Next Steps:

Following approval of this GMP, Envoy Construction Services will focus on the buy out of all Trade Partner scopes, purchasing materials, and preparing for the start of construction. Physical construction activities on site may not begin for up to 60 days due to initial submittal review time frames as well as lead time of early necessary materials.



Cost Summary - EXHIBIT 'B'

BOT GMP - FINAL

HARD COSTS	VALUE	% TOTAL
Construction Cost	\$ 10,270,891	89.62%

DEVELOPMENT COSTS	VALUE	% TOTAL
Envoy's Fee	\$ 321,530	2.81%
Developer and Construction Contingency	\$ 446,784	3.90%
Legal	\$ 20,000	0.17%
Insurance (GL, BR and P&P)	\$ 207,819	1.81%

PROJECT COSTS SUMMARY	VALUE	% TOTAL
Total Hard Costs	\$ 10,270,891	89.62%
Total Development Costs	\$ 996,133	8.69%

TOTAL DEVELOPMENT SUBTOTAL:	\$ 11,267,024	
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OWNER'S CONTINGENCY		
Owner Controlled Contingency	\$193,000	1.68%

TOTAL GUARNATEED MAXIMUM PRICE (GMP)	\$ 11,460,024	
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Alternate Summary - EXHIBIT 'C'

ALTERNATES

ALTERNATES	COST	ACCEPTED
ORA #1 - Museum Wall Changes (Reduce Curtain Wall & Add Metal Panels)	-\$20,300	X
ORA #2 - Museum & Apparatus Bay Parapet (Change Eyebrow Condition)	-\$45,350	X
ORA #4 - Composite Decking (Change Composite Deck Profile from 6" to 4")	-\$5,390	X
ORA #5 - Add DIRT Wall System	\$65,554	X
VEA #2 - Remove AESS#1 at the Exposed Steel in Museum	-\$10,000	X
VEA #3 - Use Mortar Netting instead Cavclear	-\$30,553	X
VEA #5 - Reinforcements at 8" OC on the CMU walls can be spaced at 16"	-\$24,543	X
VEA #7 - Use B-Borrow instead of #8 stone for backfill	-\$6,500	X
VEA #8 - Remove Galvanized Sch 40 sleeves (use PVC sleeves)	-\$2,000	X
VEA #9 - Remove Video Wall from GMP	-\$60,000	X
ASI #01 - Added Kitchen hood makeup air unit and dryer duct booster fan	\$80,548	X
VEI #9: Remove Large UPS 100kW located in MDF Room (Note 12 on 4/E-301)	-\$33,760	X
VEI #8: Alternate Light Fixture Package	-\$43,635	X

TOTAL ALTERNATES: -\$135,930



Contingency Summary - EXHIBIT 'D'

CONTINGENCIES

ENVOY CONTINGENCY	UNIT	COST
Development & Construction Contingency	Lump Sum	\$446,784
TOTAL ENVOY CONTROLLED CONTINGENCY:		\$446,784

ENVOY CONTROLLED CONTINGENCY NOTES:

- 1.) All Envoy Controlled Contingency shall be used at the sole discretion of Envoy, as outlined within the PPA.
- 2.) At the completion of the project, all unused Envoy Controlled Contingency will be equally split with 50% being returned to the Owner and 50% being retained by Envoy.

OWNER CONTROLLED CONTINGENCY	UNIT	COST
Owner Controlled Contingency	Lump Sum	\$193,000
TOTAL OWNER CONTROLLED CONTINGENCY:		\$193,000

OWNER CONTROLLED CONTINGENCY USAGE NOTES:

- 1.) All Owner Controlled Contingency is for the sole use of the Owner and shall only be utilized with the approval of the Owner.
- 2.) All unused Owner Controlled Contingency will be returned to the Owner in it's entirety.
- 3.) All approved usage will be subject to the cost of the work, 3.5% mark-up, builders risk, liability insurance and bond fees.

GMP Clarifications & Assumptions - Exhibit 'E'

Envoy Construction Services' clarifications and assumptions are based on the Public Private Agreement (PPA) with the City of Westfield, Indiana, and plans developed by StudioAxis. They take precedence over all other qualifications, proposals, and communications regarding the Project. Any deviations entitle Envoy to an appropriate adjustment of its price and/or schedule, unless otherwise provided for in the PPA. These clarifications and assumptions do not expand or limit Envoy's obligations and responsibilities beyond those expressly set forth in the RFPQ documents and PPA.

GENERAL:

1. Includes all project staffing including Project Manager (part time), Site Manager (full time) & Project Engineer (part time) for the duration of the project as referenced in the Key Personnel chart of this GMP Report.
2. General Conditions, Project Management, and Supervision have been calculated based upon a project schedule of approximately 14 construction months.
3. Includes bi-weekly or monthly meetings with end users and City of Westfield representatives to provide updates on project schedule, coordination and open issues.
4. Includes workmanship warranty for a period of one (1) year after Substantial Completion as defined in the Public Private Agreement (PPA) with the City of Westfield. For any obligations related to the work beyond such period, the GMP assumes that the City of Westfield will look solely to trade partners, manufacturers or other parties providing a separate or extended warranty.
5. Includes required insurance coverage for general liability, automobile, worker's compensation and umbrella insurance. Any additional coverage required by the Owner will be at an additional cost to the Owner.
6. Includes a Payment Bond, or multiple Payment Bonds collectively, in the aggregate penal sum not less than **\$10,219,792.00**, and a Performance Bond, or multiple Performance Bonds collectively, in the aggregate penal sum not less than **\$5,109,896.00**, each to be furnished in accordance with the terms and stipulations set forth in the Public Private Agreement (PPA).
7. Includes Builders Risk insurance LIMITS- coverage terms can be shared upon acceptance of GMP.
8. Assumes that in the event of a discrepancy between the Contract Documents, the following order shall govern:
 - a. Clarifications & Assumptions (This Document)
 - b. Technical Specifications as referenced by Exhibit E of this GMP Report.
 - c. Final Plans as defined in the Public Private Agreement (PPA) with the City of Westfield and as referenced by Exhibit E of this GMP Report.
9. Excludes Building Permit Fee (assumes this will be waived by the City of Westfield).
10. Gas & Power utilities are to be brought to the property line by others.
11. Fiber Utilities are to be brought to the building by others.
12. No sales tax is included. This project is tax exempt. Proposals exclude any other tax or any and all additional fees imposed. The City of Westfield shall provide a Sales Tax Exempt Form.
13. Excludes any and all Prevailing Wage or Davis Bacon wages.
14. Excludes OCIP enrollment.

15. Excludes any and all Certified Payroll.
16. Excludes any and all Asbestos Abatement.
17. Excludes connection fees, tapping fees and impact fees.
18. Excludes utility meters, deposits and fees, including water sub meters.
19. Excludes Forensic Inspections.
20. Excludes unforeseen site conditions, including underground structures, large rock/boulder removal and utilities not currently shown.
21. Excludes any scope not listed within the PPA, GMP Report and Contract Documents.
22. Excludes water intrusion testing and cost for waterproofing consultants.
23. Excludes repair of any damage to adjacent properties caused by settlement of the new building.
24. Excludes environmental or hazardous material surveys.
25. Excludes any tariffs/impositions/trade restrictions and resulting price escalation.
26. Excludes design fees and design contingency.
27. Excludes site investigations, soil borings, environmental studies, etc.
28. Excludes cost to relocate unforeseen utilities.
29. Excludes land acquisition costs.
30. Excludes financing costs.
31. Excludes State Design fees.
32. Excludes Fiber line extension.
33. Excludes Gym Equipment or Accessories.
34. Excludes Fire Station Alerting System.
35. Excludes Diesel Fuel Pump, Hose, Nozzle, etc.
36. Excludes all design related errors or omissions costs as related to the project's scope of work.

Bid Package 3.1 – Building Concrete:

1. Excludes any perimeter drains.
2. Cracks in slabs on grades should be expected - does not include grinding and filling of any potential cracks that appear. Guidance related to cracking will be per ACI 224R-01 (Control of Cracking in Concrete Structures) and ACI 318 (Building Code Requirements for Structural Concrete). Envoy accepts no responsibility for design errors that results in cracking of the slabs beyond the guidance of ACI 224R-01 (Control of Cracking in Concrete Structures) and ACI 318 (Building Code Requirements for Structural Concrete).

Bid Package 4.1 – Masonry:

1. Includes installing approximately 25 SF of brick from the existing fire station to be used on the Museum Display Wall and to be provided by the Owner.

Bid Package 6.1 – PLAM Casework & Solid Surface Tops:

1. Includes all DIRT casework as specified.
2. Includes DIRT Walls in Break Room 103.

Bid Package 7.4 – Membrane Roofing & Sheet Metal:

1. Includes an OSHA compliant roof hatch with safety guardrail and walk pads at the roof landing. Assumes 50 SF of walk pad (Not currently shown on plans).
2. Includes a 20-year manufacturer's warranty.

Bid Package 9.1 – Metal Studs, Sheathing, Drywall, Insulation, Blocking:

1. Includes fiberglass batt insulation for interior walls.
2. Includes all 5/8" Type X drywall, 5/8" moisture-resistant drywall and 5/8" cement board (tile walls).
3. Includes fire treated plywood in all MDF, IDF and Electrical Rooms.
4. Includes level 4 drywall finish unless noted otherwise.

Bid Package 9.6 – Polished Concrete:

1. Includes Level 3, 800 Grit polished concrete floors per specifications.
2. Includes sealed concrete in Apparatus Bay per specifications.
3. Assumes one standard color (ie. no banding or design patterns).
4. Cracks in slabs on metal decks should be expected - does not include grinding and filling of any potential cracks that appear. Guidance related to cracking will be per ACI 224R-01 (Control of Cracking in Concrete Structures) and ACI 318 (Building Code Requirements for Structural Concrete). Envoy accepts no responsibility for design errors that results in cracking of the slabs beyond the guidance of ACI 224R-01 (Control of Cracking in Concrete Structures) and ACI 318 (Building Code Requirements for Structural Concrete).

Bid Package 10.1 – Exterior & Interior Signage:

1. Includes (1) set of illuminated letters for "WESTFIELD FIRE DEPARTMENT".
2. Includes (1) set of illuminated numbers for "84".
3. Includes (43) interior signs as indicated per plans.

Bid Package 10.3 – Lockers:

1. Includes (45) 24"x24"x72" standard metal lockers by Penco Products for locker rooms.
2. Includes (6) 18"x18"x72" standard metal lockers by Penco Products for fitness locker rooms.
3. Excludes Gear Grid Lockers - By City.
4. Excludes (3) 48"x18" wood benches - By City
5. Excludes (3) 42"x18" wood benches - By City.

Bid Package 12.1 – Window Treatments:

1. Includes window shade types 1, 2, and 3 per the plans and specifications.

Bid Package 21.1 – Fire Protection:

1. Includes wet and clean agent fire protection systems as shown that comply with NFPA-13.
2. Assumes sprinkler heads in the exposed areas to be brass upright.
3. Assumes concealed pendant heads with factory-standard white cover plates at the ceilings.
4. Assumes no sprinkler heads under the exterior canopies.
5. Assumes adequate city water pressure.
6. Includes seismic bracing and restraints requirements as required per current codes.

Bid Package 22.1 – Plumbing:

1. All water piping is copper within the mechanical room and CPVC elsewhere, vent/storm/sanitary is assumed to be PVC, and grease piping is cast iron.
2. Alternate will be provided to change all CPVC water piping to copper.
3. Excludes seismic bracing and restraints.

Bid Package 23.1 – HVAC:

1. Includes ASI No. 1 Revisions to hood system.
2. Includes certified test and balance.
3. Includes HVAC controls by an open control system from Envelop Facility Technologies.
4. Excludes seismic bracing and restraints.
5. Excludes 3rd party commissioning.
6. Excludes sound isolation and vibration requirements for rooftop curbs - currently not specified for the project.

Bid Package 26.1 – Site & Building Electrical:

1. Assumes that Duke Energy will install the conductors from the service tap on the transformer (primary).
2. Includes aluminum conductors, wiring method to be MC cable for branch circuits and EMT for feeders.
3. Includes a 30-amp safety switch for the future diesel pump. Feeders stop at the disconnect.
4. Includes 100kVA UPS.
5. Includes a 40-amp circuit for EV charger locations.
6. Includes installing 2 single chargers and 1 dual charger provided by others.
7. Excludes Diesel pump, hoses and nozzles - connection on tank for future pump only.
8. Excludes vehicle electric charging stations.
9. Excludes cord reels.
10. Excludes duct banks for any site power encasements.
11. Excludes seismic bracing and restraints.

Bid Package 27.1 – Structured Cabling, Security, Access Control, CCTV, Fire Station Alerting:

1. Includes data drops that will be utilized for the general data/network jack locations, AV systems, access control, cameras, security and wireless access points.
2. All data cabling to be terminated at with wall jack & coverplate and terminated within the City of Westfield's provide and installed patch panel. All data cabling shall be tested and labeled.
3. Each data cable will be color coordinated with its associated used i.e. blue for network data, green for WAPs, etc.
4. Includes all fire alarm equipment by Elwood Fire Equipment.
5. Excludes all IT racks, patch panels, servers, wire/cable management, fiber cabling between MDF/IDF rooms, WAPs, etc. as these are all provided and installed by the City of Westfield.
6. Includes all security, access control, CCTV and intercom systems from Envelop IQ.
7. Includes raceways and cable pull only for the fire station alerting system. Cable to be supplied by Locution and ERS.
8. Excludes all the parts and smarts for the fire station alerting system from Locution and ERS, as these are all provided and installed by the City of Westfield / County.
9. Includes (3) additional data rough-ins and cabling for video wall.
10. Excludes Video Wall

Bid Package 28.1 - Fixtures, Furniture & Equipment:

1. Furnish/Install all items indicated by "By BOT" on the FF&E Matrix - Exhibit 'H'
2. Does not include any items as indicated on the FF&EMatrix - Exhibit 'I' defined as "By City".

Bid Package 31.1 – Earthwork, Site Utilities, Site Demo, Erosion Control:

3. Assumes 6" Fire Service line to be DR11 in lieu of copper to the PIV
4. Assumes pipe material downstream of PIV ran in ductile iron under footer and into the building.
5. Assumes that gas service to be brought to meter by Gas Provider.
6. Assumes that primary conductors are to be brought to the transformer locations by the Electric Provider.
7. Excludes dewatering and unforeseen site conditions.
8. Excludes Termite control.
9. Excludes tap fees.

Bid Package 32.3 – Landscaping:

1. Excludes irrigation system, as it is not currently shown or indicated.



Schedule - Exhibit 'F'



CITY OF WESTFIELD
FIRE STATION #84
PROPOSED PROJECT SCHEDULE

Last Updated: 12/20/2024

	2024				2025												2026			
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
Design & Approvals																				
Final Bidding & Buyout																				
PPA Approval																				
Final GMP Rev./App.																				
Fire Station Construction																				
Permits / Long Lead Items																				
Mobilization																				
Site Clearing																				
Earthwork																				
Site Utilities																				
Foundations																				
Building Underground																				
Building Slab																				
Structure & Shell																				
Building Rough Ins																				
Interiors																				
Punch List Completion																				
Owner Training																				
Move In/Occupancy																				



Drawings & Specification Log - Exhibit 'G'

This Guaranteed Maximum Price (GMP) report utilizes the "Bid and Permit" plans issued by StudioAxis on June 6th, 2023, inclusive of Addenda's 1, 2, and 3, attached hereto and incorporated by reference.



Envoy, Inc

Printed on Fri Dec 13, 2024 at 09:43 am EST

Job #: 242002 Westfield Fire Station 84
1315 E 191st St
Westfield, Indiana 46074

Current Drawings

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
General					
G-001	COVER SHEET	6	07/01/2024		Addendum 3 (07/01/24)
G-002	CODE REVIEW AND LIFE SAFETY PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
Architectural					
A-001	GENERAL NOTES, SYMBOLS, LEGENDS AND EXTERIOR WALLS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-002	INTERIOR WALL TYPES AND DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-003	ADA DETAILS	2	06/07/2024		Bid and Permit Set (06/07/24)
A-101	FIRST FLOOR CONSTRUCTION PLAN	4	06/20/2024		Addendum 1 (06/20/24)
A-101D	FIRST FLOOR DIMENSION PLAN	2	06/07/2024		Bid and Permit Set (06/07/24)
A-102	SECOND FLOOR CONSTRUCTION PLAN	4	06/20/2024		Addendum 1 (06/20/24)
A-102D	SECOND FLOOR DIMENSION PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
A-103	ROOF PLAN	4	06/28/2024		Addendum 2 (06/28/24)
A-110	ENLARGED PLANS	4	06/20/2024		Addendum 1 (06/20/24)
A-111	OUTDOOR ENCLOSURE PLANS AND TYPICAL ELEVATION & SECTION	2	06/28/2024		Addendum 2 (06/28/24)
A-120	STAIR AND SLIDE ENLARGED PLANS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-121	STAIR 1 SECTIONS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-122	STAIR 2 SECTIONS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-123	STAIR DETAILS	2	06/07/2024		Bid and Permit Set (06/07/24)
A-130	PLAN DETAILS	0	06/07/2024		Bid and Permit Set (06/07/24)
A-201	EXTERIOR ELEVATIONS	4	06/28/2024		Addendum 2 (06/28/24)
A-202	EXTERIOR ELEVATIONS	4	06/28/2024		Addendum 2 (06/28/24)
A-203	EXTERIOR ELEVATIONS - ALTERNATES	0	06/07/2024		Bid and Permit Set (06/07/24)
A-204	3D EXTERIOR VIEWS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-301	BUILDING SECTIONS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-302	BUILDING SECTIONS	4	06/28/2024		Addendum 2 (06/28/24)
A-305	WALL SECTIONS	4	06/28/2024		Addendum 2 (06/28/24)
A-306	WALL SECTIONS	4	06/28/2024		Addendum 2 (06/28/24)
A-307	WALL SECTIONS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-308	WALL SECTIONS	4	06/28/2024		Addendum 2 (06/28/24)
A-310	SECTION DETAILS	2	06/07/2024		Bid and Permit Set (06/07/24)
A-311	SECTION DETAILS	3	06/28/2024		Addendum 2 (06/28/24)
A-312	SECTION DETAILS	3	06/28/2024		Addendum 2 (06/28/24)
A-313	SECTION DETAILS	3	06/28/2024		Addendum 2 (06/28/24)
A-314	SECTION DETAILS	1	06/28/2024		Addendum 2 (06/28/24)



Envoy, Inc

Printed on Fri Dec 13, 2024 at 09:43 am EST

Job #: 242002 Westfield Fire Station 84
1315 E 191st St
Westfield, Indiana 46074

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
A-315	SECTION DETAILS - ALTERNATES	1	06/28/2024		Addendum 2 (06/28/24)
A-401	FIRST FLOOR REFLECTED CEILING PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
A-401L	FIRST FLOOR LIGHTING PLAN	2	06/07/2024		Bid and Permit Set (06/07/24)
A-402	SECOND FLOOR REFLECTED CEILING PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
A-402L	SECOND FLOOR LIGHTING PLAN	2	06/07/2024		Bid and Permit Set (06/07/24)
A-420	CEILING DETAILS	1	06/07/2024		Bid and Permit Set (06/07/24)
A-501	DOOR SCHEDULE	5	06/28/2024		Addendum 2 (06/28/24)
A-502	DOOR DETAILS	0	06/28/2024		Addendum 2 (06/28/24)
A-505	EXTERIOR GLAZING ELEVATIONS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-506	EXTERIOR GLAZING ELEVATIONS	1	06/07/2024		Bid and Permit Set (06/07/24)
A-507	EXTERIOR AND INTERIOR GLAZING ELEVATIONS	3	06/28/2024		Addendum 2 (06/28/24)
A-601	INTERIOR ELEVATIONS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-602	INTERIOR ELEVATIONS	5	06/28/2024		Addendum 2 (06/28/24)
A-603	INTERIOR ELEVATIONS	3	06/28/2024		Addendum 2 (06/28/24)
A-604	INTERIOR ELEVATIONS	0	06/07/2024		Bid and Permit Set (06/07/24)
A-610	MILLWORK SECTIONS	0	06/07/2024		Bid and Permit Set (06/07/24)
A-700	FINISH SCHEDULES AND SPECIFICATIONS	3	06/07/2024		Bid and Permit Set (06/07/24)
A-701	FIRST FLOOR INTERIOR FINISH PLAN	4	06/28/2024		Addendum 2 (06/28/24)
A-702	SECOND FLOOR INTERIOR FINISH PLAN	4	06/28/2024		Addendum 2 (06/28/24)
A-703	INTERIOR DETAILS	0	06/07/2024		Bid and Permit Set (06/07/24)
A-710	ENLARGED FINISH PLANS	4	06/28/2024		Addendum 2 (06/28/24)
A-801	FIRST FLOOR EQUIPMENT AND FIXTURE PLAN	4	06/28/2024		Addendum 2 (06/28/24)
A-802	SECOND FLOOR EQUIPMENT AND FIXTURE PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
A-901	INTERIOR SIGNAGE PLAN	2	06/07/2024		Bid and Permit Set (06/07/24)
Civil					
1	FINAL PLAT OF WESTFIELD FIRE STATION NO. 84	2	06/07/2024		Bid and Permit Set (06/07/24)
C1.0	COVER	3	06/07/2024		Bid and Permit Set (06/07/24)
C1.1	PRE-CONSTRUCTION STORMWATER POLLUTION PREVENTION AND DEMOLITION PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
C1.2	SITE IMPROVEMENTS PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
C1.3	SITE GRADING PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
C1.4	SITE UTILITY PLAN	4	06/28/2024		Addendum 2 (06/28/24)
C1.5	POST CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
C1.6	OFFSITE UTILITY PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
C1.7	OFFSITE DETENTION BASIN PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
C3.0	MAINTENANCE OF TRAFFIC PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
C3.1	TRAFFIC CONTROL PLAN	0	06/07/2024		Bid and Permit Set (06/07/24)
C4.0	SANITARY SEWER PLAN & PROFILE	4	06/28/2024		Addendum 2 (06/28/24)
C6.0	STORM SEWER PLAN & PROFILE	3	06/07/2024		Bid and Permit Set (06/07/24)



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Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
C6.1	STORM SEWER PLAN & PROFILE	2	06/07/2024		Bid and Permit Set (06/07/24)
C6.2	STORM SEWER PLAN & PROFILE	2	06/07/2024		Bid and Permit Set (06/07/24)
C8.0	STORMWATER POLLUTION PREVENTION NOTES	3	06/07/2024		Bid and Permit Set (06/07/24)
C8.1	STORMWATER POLLUTION PREVENTION NOTES	3	06/07/2024		Bid and Permit Set (06/07/24)
C8.2	STORMWATER POLLUTION PREVENTION DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
C8.3	CONSTRUCTION DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
C8.4	CONSTRUCTION DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
C8.5	CITY OF WESTFIELD STANDARD CONSTRUCTION DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
C8.6	CITY OF WESTFIELD STANDARD CONSTRUCTION DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
C8.7	CITIZENS ENERGY GROUP STANDARD SANITARY SEWER DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
C8.8	CITIZENS ENERGY GROUP STANDARD WATER DETAILS	3	06/28/2024		Addendum 2 (06/28/24)
SHEET 2	FINAL PLAT OF WESTFIELD FIRE STATION NO. 84	1	04/19/2024		90% CD Progress Set (04/19/24)
Landscape					
L1.0	LANDSCAPE PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
L1.1	LANDSCAPE DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
Structural					
S101	GENERAL STRUCTURAL NOTES	3	06/07/2024		Bid and Permit Set (06/07/24)
S102	TYPICAL FOUNDATION DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
S103	TYPICAL MASONRY DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
S104	TYPICAL STEEL FRAMING DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
S201	FOUNDATION / SLAB-ON-GRADE PLAN	6	07/01/2024		Addendum 3 (07/01/24)
S202	2ND FLOOR FRAMING PLAN	5	06/28/2024		Addendum 2 (06/28/24)
S203	ROOF FRAMING PLAN	4	06/20/2024		Addendum 1 (06/20/24)
S301	FOUNDATION SECTIONS	3	07/01/2024		Addendum 3 (07/01/24)
S401	FRAMING SECTIONS	2	06/07/2024		Bid and Permit Set (06/07/24)
S402	FRAMING SECTIONS	1	06/07/2024		Bid and Permit Set (06/07/24)
S501	BRACED FRAME ELEVATIONS	4	06/20/2024		Addendum 1 (06/20/24)
S502	BRACED FRAME DETAILS	1	06/07/2024		Bid and Permit Set (06/07/24)
Electrical					
E-000	ELECTRICAL SYMBOLS AND ABBREVIATIONS	3	06/07/2024		Bid and Permit Set (06/07/24)
E-301	ELECTRICAL ENLARGED PLANS	6	07/01/2024		Addendum 3 (07/01/24)
E-401	ELECTRICAL RISER DIAGRM	4	06/20/2024		Addendum 1 (06/20/24)
E-501	ELECTRICAL SCHEDULES	4	06/28/2024		Addendum 2 (06/28/24)
E-502	ELECTRICAL SCHEDULES	5	08/14/2024		ASI #01 (08/14/24)
E-503	ELECTRICAL PANEL SCHEDULES	5	08/14/2024		ASI #01 (08/14/24)
E-504	ELEVATION VIEW	3	06/07/2024		Bid and Permit Set (06/07/24)
E-601	ELECTRICAL DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
E-602	ELECTRICAL DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)



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Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
EL101	FIRST FLOOR LIGHTING PLAN	4	06/28/2024		Addendum 2 (06/28/24)
EL102	SECOND FLOOR LIGHTING PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
EP101	FIRST FLOOR POWER PLAN	6	08/14/2024		ASI #01 (08/14/24)
EP102	SECOND FLOOR POWER PLAN	4	06/28/2024		Addendum 2 (06/28/24)
EP103	ROOF POWER PLAN	4	08/14/2024		ASI #01 (08/14/24)
ES101	ELECTRICAL SITE PLAN	5	07/01/2024		Addendum 3 (07/01/24)
ET101	FIRST FLOOR SYSTEMS PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
ET102	SECOND FLOOR SYSTEMS PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
Mechanical					
H-101	FIRST FLOOR HVAC PLAN	5	08/14/2024		ASI #01 (08/14/24)
H-102	SECOND FLOOR HVAC PLAN	5	08/14/2024		ASI #01 (08/14/24)
H-103	ROOF HVAC PLAN	5	08/14/2024		ASI #01 (08/14/24)
H-301	HVAC ENLARGED PLANS AND SECTIONS	3	08/14/2024		ASI #01 (08/14/24)
H-401	VEHICLE EXHAUST PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
H-402	KITCHEN EQUIPMENT	2	08/14/2024		ASI #01 (08/14/24)
H-403	HVAC PIPING AND ELECTRICAL DIAGRAMS	2	08/14/2024		ASI #01 (08/14/24)
H-501	HVAC SCHEDULES	5	08/14/2024		ASI #01 (08/14/24)
H-601	HVAC DETAILS	1	06/07/2024		Bid and Permit Set (06/07/24)
HP101	FIRST FLOOR HVAC PIPING PLAN	3	06/20/2024		Addendum 1 (06/20/24)
HP102	SECOND FLOOR HVAC PIPING PLAN	3	06/20/2024		Addendum 1 (06/20/24)
M-000	MECHANICAL SYMBOLS, LEGENDS & ABBREVIATIONS	2	06/07/2024		Bid and Permit Set (06/07/24)
Plumbing					
P-100	UNDER FLOOR PLUMBING PLAN	3	06/07/2024		Bid and Permit Set (06/07/24)
P-101	FIRST FLOOR PLUMBING PLAN	4	08/14/2024		ASI #01 (08/14/24)
P-102	SECOND FLOOR PLUMBING PLAN	4	08/14/2024		ASI #01 (08/14/24)
P-103	ROOF PLUMBING PLAN	4	08/14/2024		ASI #01 (08/14/24)
P-301	PLUMBING ENLARGED PLANS	4	08/14/2024		ASI #01 (08/14/24)
P-501	PLUMBING SCHEDULES	3	06/07/2024		Bid and Permit Set (06/07/24)
P-601	PLUMBING DETAILS	3	06/07/2024		Bid and Permit Set (06/07/24)
P-901	PLUMBING WASTE AND VENT ISOMETRIC	3	06/07/2024		Bid and Permit Set (06/07/24)



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Current Specifications

Number	Description	Revision	Issued Date	Received Date	Set
00 - Procurement and Contracting Requirements					
000110	Table of Contents	0			Technical Specs
02 - Existing Conditions					
024100	DEMOLITION	0			Technical Specs
03 - Concrete					
03 20 00	CONCRETE REINFORCING	0			Technical Specs
03 30 00	CAST-IN-PLACE CONCRETE	0			Technical Specs
03 35 43	POLISHED CONCRETE FINISHING	0			Technical Specs
031000	CONCRETE FORMING AND ACCESSORIES	0			Technical Specs
04 - Masonry					
04 20 00	UNIT MASONRY	0			Technical Specs
04 22 00	CONCRETE UNIT MASONRY	0			Technical Specs
04 26 13	MASONRY VENEER	0			Technical Specs
05 - Metals					
05 12 00	STRUCTURAL STEEL FRAMING	0			Technical Specs
05 31 00	STEEL DECKING	0			Technical Specs
05 40 00	COLD-FORMED METAL FRAMING	0			Technical Specs
05 50 00	METAL FABRICATIONS	0			Technical Specs
05 51 13	METAL PAN STAIRS	0			Technical Specs
05 52 13	PIPE AND TUBE RAILINGS	0			Technical Specs
05 73 00	DECORATIVE METAL RAILINGS	0			Technical Specs
06 - Wood, Plastics, and Composites					
06 10 00	ROUGH CARPENTRY	0			Technical Specs
06 16 00	SHEATHING	0			Technical Specs
06 41 16	PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS	0			Technical Specs
06 64 00	PLASTIC PANELING	0			Technical Specs
07 - Thermal and Moisture Protection					
07 10 00	CONCRETE DECK WATERPROOFING	0			Technical Specs
07 21 00	THERMAL INSULATION	0			Technical Specs
07 21 13	CONTINUOUS INSULATION WALL PANELS	0			Technical Specs
07 24 13	POLYMER-BASED EXTERIOR INSULATION AND FINISH SYSTEM	0			Technical Specs
07 27 26	FLUID-APPLIED MEMBRANCE AIR BARRIERS	0			Technical Specs
07 42 13	METAL COMPOSITE MATERIAL PANELS	0			Technical Specs



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Number	Description	Revision	Issued Date	Received Date	Set
07 54 23	THERMOPLASTIC POLYOLEFIN (TPO) ROOFING	0			Technical Specs
07 62 00	SHEET METAL FLASHING AND TRIM	0			Technical Specs
07 71 00	ROOF SPECIALTIES	0			Technical Specs
07 72 00	ROOF ACCESSORIES	0			Technical Specs
07 84 13	PENETRATION FIRESTOPPING	0			Technical Specs
07 92 00	JOINT SEALANTS	0			Technical Specs
07 92 19	ACOUSTICAL JOINT SEALANTS	0			Technical Specs
074213.13	FORMED METAL WALL PANELS	0			Technical Specs
08 - Openings					
08 11 13	Hollow Metal Doors and Frames	0			Technical Specs
08 14 16	FLUSH WOOD DOORS	0			Technical Specs
08 33 23	OVERHEAD COILING DOORS	0			Technical Specs
08 36 13	SECTIONAL DOORS	0			Technical Specs
08 41 13	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	0			Technical Specs
08 44 13	Glazed Aluminum Curtain Walls	0			Technical Specs
08 71 00	DOOR HARDWARE	0			Technical Specs
08 80 00	GLAZING	0			Technical Specs
08 83 00	MIRRORS	0			Technical Specs
09 - Finishes					
09 22 16	NON-STRUCTURAL METAL FRAMING	0			Technical Specs
09 29 00	GYPSUM BOARD	0			Technical Specs
09 30 00	TILING	0			Technical Specs
09 51 13	ACOUSTICAL PANEL CEILINGS	0			Technical Specs
09 65 13	RESILIENT BASE AND ACCESSORIES	0			Technical Specs
09 65 19	RESILIENT TILE FLOORING	0			Technical Specs
09 68 13	TILE CARPETING	0			Technical Specs
09 72 00	WALL COVERINGS	0			Technical Specs
09 77 23	FABRIC-WRAPPED PANELS	0			Technical Specs
09 84 00	CEMENTITIOUS WOOD FIBER CEILINGS	0			Technical Specs
09 91 13	EXTERIOR PAINTING	0			Technical Specs
09 91 23	INTERIOR PAINTING	0			Technical Specs
09 96 00	HIGH-PERFORMANCE COATINGS	0			Technical Specs
10 - Specialties					
10 14 19	DIMENSIONAL LETTER SIGNAGE	0			Technical Specs
10 26 00	WALL PROTECTION	0			Technical Specs
10 28 00	TOILET, BATH, AND LAUNDRY ACCESSORIES	0			Technical Specs
10 44 13	FIRE EXTINGUISHER CABINETS	0			Technical Specs



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Number	Description	Revision	Issued Date	Received Date	Set
10 44 16	FIRE EXTINGUISHERS	0			Technical Specs
10 51 13	METAL LOCKERS	0			Technical Specs
10 75 16	GROUND-SET FLAGPOLES	0			Technical Specs
102113.17	PHENOLIC-CORE TOILET COMPARTMENTS	0			Technical Specs
12 - Furnishings					
12 24 13	ROLLER WINDOW SHADES	0			Technical Specs
123661.16	SOLID SURFACE COUNTERTOPS	0			Technical Specs
123661.19	QUARTZ AGGLOMERATE COUNTERTOPS	0			Technical Specs
21 - Fire Suppression					
21 05 01	GENERAL PROVISIONS	0			Technical Specs
21 05 02	ASSIGNMENT OF MISCELLANEOUS WORK	0			Technical Specs
21 05 03	COMPLETION AND STARTUP	0			Technical Specs
21 05 05	CONCRETE PADS	0			Technical Specs
21 05 19	Meters and Gages	0			Technical Specs
21 05 29	BASIC PIPING REQUIREMENTS	0			Technical Specs
21 05 41	TRENCHING, BACKFILLING, AND COMPACTING (INTERIOR)	0			Technical Specs
21 05 53	Identification for Fire-Suppression Piping and Equipment	0			Technical Specs
21 05 64	PAINTING	0			Technical Specs
21 11 19	PIPING SPECIALTIES	0			Technical Specs
21 13 18	COMBINATION WET SPRINKLER AND STANDPIPE SYSTEM	0			Technical Specs
21 22 00	Clean-Agent Fire-Extinguishing Systems	0			Technical Specs
22 - Plumbing					
22 05 01	GENERAL PROVISIONS	0			Technical Specs
22 05 02	ASSIGNMENT OF MISCELLANEOUS WORK	0			Technical Specs
22 05 03	COMPLETION AND STARTUP	0			Technical Specs
22 05 05	CONCRETE PADS AND CURBS	0			Technical Specs
22 05 13	Common Motor Requirements	0			Technical Specs
22 05 19	Meters and Gages	0			Technical Specs
22 05 29	BASIC PIPING REQUIREMENTS	0			Technical Specs
22 05 40	TRENCHING, BACKFILLING, AND COMPACTING (EXTERIOR)	0			Technical Specs
22 05 41	TRENCHING, BACKFILLING, AND COMPACTING (INTERIOR)	0			Technical Specs
22 05 53	Identification for Plumbing Piping and Equipment	0			Technical Specs
22 05 64	PAINTING	0			Technical Specs
22 05 76	Drainage Piping Cleanouts	0			Technical Specs
22 07 19	Plumbing Piping and Equipment Insulation	0			Technical Specs
22 11 16	Domestic Water Piping System	0			Technical Specs
22 11 19	Domestic Water Piping Specialties	0			Technical Specs



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Number	Description	Revision	Issued Date	Received Date	Set
22 11 22	DOMESTIC WATER BOOSTER PUMPS	0			Technical Specs
22 11 23	Domestic Water Pumps	0			Technical Specs
22 13 16	Sanitary Waste and Vent Piping	0			Technical Specs
22 13 19	Sanitary Drains	0			Technical Specs
22 13 23	Sanitary Waste Interceptors	0			Technical Specs
22 14 13	Storm Drainage Piping	0			Technical Specs
22 14 26	Storm Drains	0			Technical Specs
22 15 00	COMPRESSED AIR EQUIPMENT	0			Technical Specs
22 15 13	COMPRESSED AIR PIPING SYSTEM	0			Technical Specs
22 31 00	Water Softeners	0			Technical Specs
22 34 00	Domestic Water Heaters	0			Technical Specs
22 34 05	THERMOSTATIC MIXING VALVES	0			Technical Specs
22 42 00	PLUMBING FIXTURES AND TRIM	0			Technical Specs
22 70 16	NATURAL GAS PIPING SYSTEM	0			Technical Specs
23 - Heating, Ventilating, and Air Conditioning (HVAC)					
23 05 01	GENERAL PROVISIONS	0			Technical Specs
23 05 02	ASSIGNMENT OF MISCELLANEOUS WORK	0			Technical Specs
23 05 03	COMPLETION AND STARTUP	0			Technical Specs
23 05 29	BASIC PIPING REQUIREMENTS	0			Technical Specs
23 05 30	PREFABRICATED ROOF CURBS AND SUPPORTS	0			Technical Specs
23 05 53	IDENTIFICATION OF PIPING AND EQUIPMENT	0			Technical Specs
23 05 93	TESTING, ADJUSTING, AND BALANCING	0			Technical Specs
23 07 13	DUCT INSULATION	0			Technical Specs
23 07 19	HVAC PIPE AND EQUIPMENT INSULATION	0			Technical Specs
23 21 13	CONDENSATE DRAIN PIPING SYSTEM	0			Technical Specs
23 23 00	REFRIGERANT PIPING SYSTEM	0			Technical Specs
23 31 00	HVAC DUCTS AND CASINGS	0			Technical Specs
23 31 16	NON-METAL DUCTS	0			Technical Specs
23 33 00	AIR DUCT ACCESSORIES	0			Technical Specs
23 33 53	DUCT LINING	0			Technical Specs
23 34 00	HVAC FANS	0			Technical Specs
23 34 24	HIGH VOLUME LOW SPEED CEILING FANS	0			Technical Specs
23 37 00	AIR OUTLETS AND INLETS	0			Technical Specs
23 37 23	HVAC GRAVITY VENTILATORS	0			Technical Specs
23 37 50	LOUVERS	0			Technical Specs
23 51 23	FLUES AND VENTS	0			Technical Specs
23 55 33	GAS FIRED HEATING EQUIPMENT	0			Technical Specs



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Number	Description	Revision	Issued Date	Received Date	Set
23 74 13	DEDICATED OUTDOOR AIR UNITS (PACKAGED)	0			Technical Specs
23 81 00	PACKAGED HEATING AND COOLING UNITS	0			Technical Specs
23 81 10	VARIABLE REFRIGERANT FLOW SYSTEM	0			Technical Specs
23 81 11	DUCTLESS SPLIT SYSTEMS	0			Technical Specs
23 83 40	ELECTRIC TERMINAL HEATING UNITS	0			Technical Specs
26 - Electrical					
26 05 01	GENERAL PROVISIONS	0			Technical Specs
26 05 02	ASSIGNMENTS OF MISCELLANEOUS WORK	0			Technical Specs
26 05 03	COMPLETION AND STARTUP	0			Technical Specs
26 05 05	CONCRETE PADS AND CURBS	0			Technical Specs
26 05 19	Low-Voltage Electrical Power Conductors and Cables	0			Technical Specs
26 05 26	Grounding and Bonding	0			Technical Specs
26 05 33	Raceway and Boxes	0			Technical Specs
26 05 36	Cable Trays	0			Technical Specs
26 05 53	Identification for Electrical Systems	0			Technical Specs
26 05 64	PAINTING	0			Technical Specs
26 05 73	Overcurrent Protective Device Coordination Study	0			Technical Specs
26 08 01	PERFORMANCE TESTING	0			Technical Specs
26 09 00	Instrumentation and Control for Lighting System	0			Technical Specs
26 22 13	Low-Voltage Distribution Transformers	0			Technical Specs
26 24 16	PANELBOARDS	0			Technical Specs
26 27 13	Electricity Metering	0			Technical Specs
26 27 26	Wiring Devices	0			Technical Specs
26 27 27	FLOOR BOXES	0			Technical Specs
26 27 28	FIRE RATED POKE-THROUGHS	0			Technical Specs
26 28 00	Low-Voltage Circuit Protective Devices	0			Technical Specs
26 29 00	Low-Voltage Controllers	0			Technical Specs
26 33 53	Static Uninterruptible Power Supply	0			Technical Specs
26 36 23	Automatic Transfer Switches	0			Technical Specs
26 41 13	Lightning Protection for Structures	0			Technical Specs
26 43 13	Surge Protective Devices for Low-Voltage Electrical Power Circuits	0			Technical Specs
26 51 00	INTERIOR LIGHTING	0			Technical Specs
26 56 00	EXTERIOR LIGHTING	0			Technical Specs
263213.13	DIESEL ENGINE DRIVEN GENERATOR SETS	0			Technical Specs
27 - Communications					
27 05 28	PATHWAYS AND COMMUNICATIONS SYSTEMS	0			Technical Specs
28 - Electronic Safety and Security					



Envoy, Inc

Printed on Fri Dec 13, 2024 at 09:42 am EST

Job #: 242002 Westfield Fire Station 84
1315 E 191st St
Westfield, Indiana 46074

Number	Description	Revision	Issued Date	Received Date	Set
28 31 00	FIRE DETECTION AND ALARM (MED. LARGE)	0			Technical Specs
31 - Earthwork					
31 05 16	AGGREGATE MATERIALS	0			Technical Specs
31 10 00	SITE CLEARING	0			Technical Specs
31 20 00	EARTHWORK	0			Technical Specs
31 23 16	TRENCHING	0			Technical Specs
31 23 19	DEWATERING	0			Technical Specs
31 25 13	EROSION CONTROL	0			Technical Specs
32 - Exterior Improvements					
32 01 00	SURFACE REPAIR	0			Technical Specs
32 13 13	CAST-IN PLACE CONCRETE	0			Technical Specs
32 92 19	SEEDING	0			Technical Specs
32 93 00	LANDSCAPE WORK	0			Technical Specs

FF&E Matrix - Exhibit 'H'

Responsibilities:

By City = Furnished/Installed by City of Westfield

By BOT = Furnished/Installed by Envoy

FF&E Matrix - Exhibit H

MARK	ITEM	DESCRIPTION	Manufacturer/Model	QUANTITY	By City	By BOT	Vend Price
E18	KITCHEN EXHAUST HOOD	72" WIDE		1		X	BP 23.1
E22	FIRE EXTINGUISHER CABINET	SURFACE-MOUNTED		2		X	BP 10.2
E23	FIRE EXTINGUISHER CABINET	SEMI-RECESSED		3		X	BP 10.2
F03	METAL LOCKERS	24"X24"X78". TO MATCH STATION #81		45		X	BP 10.3
F04	METAL LOCKERS	18"X18"X78". TO MATCH STATION #81		6		X	BP 10.3
E02	DISHWASHER	JET-TECH HIGH-TEMP UNDERCOUNTER DISHWASHER (F-18DP). 23.75"W x 23.75"D X 33.5"H	Jet-Tec F-18 DP	1		X	\$5,599
E05	ICE MACHINE 30"	MANITOWOC NEO UYF0310W	MANITOWOC NEO UYF0310W	2		X	\$7,156
E08	GAS RANGE	60" WIDE WITH GRIDDLE	BlueStar BSDF606G	1		X	\$21,495
E25	65LB INDUSTRIAL WASHER EXTRACTOR	UNIMAC UW HARDMOUNT WASHER-EXTRACTOR UWT065V4	UWT065V40LX050EA00	2		X	\$37,037
E26	DRYING CABINET	UNIMAC FIREFIGHTER'S PPE DRYING CABINET UTGC. AU21-0021	Unimac AU21-0021	2		X	\$18,324
E27	LIGHT COMMERCIAL DRYER	UNIMAC SMALL CHASSIS SINGLE DRYER UDEE5BGS173CW01	UDGE5BGS113TW01	1		X	\$882
E28	STACKABLE WASHER DRYER	UNIMAC UST30	UST030NVNX0S3YE000	2		X	\$28,825
E29	CUSTOM SIZED FRAMED MIRROR	36"W X 84"H MIRROR	#DW-K002W	7		X	\$8,309
E35	HEAVY-DUTY HOSE STORAGE	BASIS-OF-DESIGN: GEAR GRID		1		X	\$2,400
F07	WIRE SHELVING	24"X18"		1		X	\$443
F08	WIRE SHELVING	30"X18"		2		X	\$346
E11	85" TELEVISION	85" Monitor		1		X	BP 27.1
E12	55" TELEVISION CAD MONITOR	CAD MONITOR		9		X	BP 27.1
E32	55" TELEVISION	55" MONITOR		5		X	\$3,500
E07	UNDERCOUNTER REFRIGERATOR	UNDERCOUNTER REFRIGERATOR		1		X	\$1,000
E30	32" MONITOR	32" MONITOR		1		X	\$500
E31	60" TELEVISION	60" MONITOR		1		X	\$1,000
E33	DECON SAUNA	CDU2 - 8' x 4' Double Bike Chemical Decon Unit		1		X	\$12,500
E34	65" TELEVISION	65" MONITOR		2		X	\$2,200
E01	TOP MOUNT FREEZER/REFRIGERATOR	23.4"W x 24.6"D X 59.2"H	Hotpoint 9.7CF HPS10LSVRSS	1		X	\$750
E06	REFRIGERATOR/FREEZER	36" WIDE.	Samsung RF32CGS300SR	3		X	\$4,500
E09	MICROWAVE	13.5"h x 24"w x 18.5"d	Ge Profile PES7227SLSS	3		X	\$500

Subtotal: **\$157,266**

Project Management/Install: **\$15,727**

Material Handling: **\$12,500**

Total: **\$185,493**

MARK	ITEM	DESCRIPTION	Manufacturer/Model	QUANTITY	By City	By BOT	Vend Price
F01	BENCH	42"X18"X18"		2	X		
F02	BENCH	48"X18"X18"		3	X		
E03	COFFEE MAKER	COFFEE MAKER (1 WARMER)		1	X		
E04	COFFEE MAKER (3 LOWER WARMERS)	COFFEE MAKER (3 LOWER WARMERS)		1	X		
E10	35 GALLON TRASH BIN			1	X		
E13	SMITH MACHINE	EQUIPMENT DESCRIPTION TO BE PROVIDED BY FIRE DEPARTMENT.		3	X		
E14	ROWING MACHINE	EQUIPMENT DESCRIPTION TO BE PROVIDED BY FIRE DEPARTMENT.		2	X		
E15	EXERCISE BIKE	EQUIPMENT DESCRIPTION TO BE PROVIDED BY FIRE DEPARTMENT.		2	X		
E16	TREADMILL	EQUIPMENT DESCRIPTION TO BE PROVIDED BY FIRE DEPARTMENT.		3	X		
E17	WEIGHT RACK	EQUIPMENT DESCRIPTION TO BE PROVIDED BY FIRE DEPARTMENT.		3	X		
E19	STORAGE CLEANING TABLE			1	X		
E20	DEKO MARKERBOARD			1	X		
E21	DIGITAL CLOCK			1	X		
E24	GAS GRILL			1	X		
F05	TWIN XL MATTRESS			12	X		
F06	END TABLE	18"X18". COORDINATE WITH UNDERBED STORAGE.		18	X		
F09	GEAR LOCKER	25"X21"X84" (WALL-MOUNTED)		26	X		
F10	DINING CHAIR			10	X		
F11	DINING TABLE			2	X		
F12	RECLINER			14	X		
F13	RECLINER			1	X		
F14	7'x5' DESK			2	X		
F15	7'x5' DESK			2	X		
F16	GEAR LOCKER	25"X21"X84" (MOBILE)		14	X		