

CONSTRUCTION SERVICES AGREEMENT

This Agreement is made and entered into on the date fully executed below between the **CITY OF MISSOULA, MONTANA**, a municipal corporation organized and existing under the laws of the State of Montana, 435 Ryman St., Missoula, MT 59802-4297, referred to here as “City,” and **Valley Irrigation**, 1316 Eastside Hwy, Corvallis, MT 59828, referred to here as “Contractor.”

In consideration of the mutual covenants and agreements contained here, the receipt and sufficiency of the same being acknowledged, the parties agree as follows:

- 1. Purpose:** Replace the Great Northern well pump. City agrees to hire Contractor as an independent contractor to perform services for City described in the Scope of Work, attached as Exhibit A, and by reference made a part of this agreement.
- 2. Effective Date:** This agreement is effective on the date of its execution.
- 3. Scope of Work/Task Deadlines:** Great Northern well pump replacement. Contractor will perform the work and provide the services in accordance with the requirements of Exhibit A.
- 4. Payment:** City agrees to pay Contractor an amount not to exceed **\$125,747.86** for services performed pursuant to the Scope of Work. Any alteration or deviation from the described work that involves extra costs will be performed by Contractor after written request by the City and will become an extra charge over and above the agreement amount. The parties must agree in writing upon any extra charges.
- 5. Independent Contractor Status:** The parties agree that Contractor, is an independent contractor for purposes of this agreement and the parties agree that Contractor is and shall be an independent contractor when performing services pursuant to this agreement. Contractor is not subject to the terms and provisions of the City’s personnel policies handbook and may not be considered a City employee for workers’ compensation or any other purpose. Contractor is not authorized to represent the City or otherwise bind the City in any dealings between Contractor and any third parties.

Contractor shall comply with the applicable requirements of the Workers’ Compensation Act, Title 39, Chapter 71, MCA, and the Occupational Disease Act of Montana, Title 39, Chapter 71, MCA. Contractor shall maintain workers’ compensation coverage for all members and employees of Contractor’s business, except for those members who are exempted by law.

Contractor shall furnish the City with copies showing one of the following: (1) a binder for workers’ compensation coverage by an insurer licensed and authorized to provide workers’ compensation insurance in the State of Montana; or (2) proof of exemption from workers’ compensation granted by law for independent contractors.

- 6. Indemnity and Insurance:** To the fullest extent permitted by law, Contractor agrees to defend, indemnify, and hold the City harmless against claims, demands, suits, damages, losses, and expenses connected therewith that may be asserted or claimed against, recovered from or suffered by the City by reason of any injury or loss, including but not limited to, personal injury, including bodily injury or death, property damage, occasioned by, growing out of, or in any way

arising or resulting from any intentional or negligent act on the part of Contractor or Contractor's agents or employees.

For this purpose, Contractor shall provide City with proof of Contractor's liability insurance issued by a reliable company or companies for personal injury and property damage in amounts not less than as follows:

- Workers' Compensation—statutory
- Employers' Liability—\$1,000,000 per occurrence; \$2,000,000 annual aggregate
- Commercial General Liability—\$1,000,000 per occurrence; \$2,000,000 annual aggregate
- Automobile Liability—\$1,000,000 property damage/bodily injury; \$2,000,000 annual aggregate

The City shall be included or named as an additional or named insured on the Commercial General and Automobile Liability policies. The insurance must be in a form suitable to City.

7. Warranty: Contractor warrants that all services and work will be performed in a good workman-like manner. Contractor acknowledges that he or she will be liable for any breach of this warranty for the lesser of a period of one (1) year from the time services are completed or any warranty described in the Scope of Services.

8. Compliance with Laws: Contractor agrees to comply with all federal, state and local laws, ordinances, rules and regulations, including the safety rules, codes and provisions of the Montana Safety Act in Title 50, Chapter 71, MCA. Contractor agrees to obtain, and maintain for the duration of its work for the City pursuant to this Agreement, a City business license. Contractor acknowledges and agrees that the City will make no payment under this Agreement until a valid City business license has been obtained.

9. Contractors' Gross Receipts Tax: Contractor understands that all contractors or subcontractors working on a publicly funded project are required to pay or have withheld from earnings one percent (1%) of the gross contract price if the gross contract price is Eighty Thousand Dollars (\$80,000) or more.

10. Minimum Wage Rates: In accordance with Montana Law (Section 18-2-403, MCA), on contracts for state, county, municipal school construction, heavy highway, or municipal construction, repair, or maintenance work under any of the laws of the state, the Contractor shall give preference to the employment of bona fide Montana residents in the performance of said contract, and shall further pay the standard prevailing rate of wages including fringe benefits and travel allowances in effect as paid in the county or locality in which the work is being performed. The provisions of Section 18-2-409, MCA, requires 50 percent of the workers on the project to be Montana residents.

The minimum wages, if included as a part of the contract documents, are not controlling except as to the minimum for the purpose of the Davis-Bacon Act; therefore, it is incumbent upon each employer to pay the standard prevailing rate of wages, including fringe benefits for health and welfare and pension contributions and travel allowance provisions in effect

and applicable to the county or locality in which the work is being performed. The prevailing wage rate schedule in effect at the time this project is first advertised shall be used throughout the duration of the contract as prescribed in Administrative Rules of Montana (ARM) 24.17.127(1)(c).

“Standard Prevailing Rate of Wages” is defined by Section 18-2-402, MCA, as including wages, fringe benefits for health and welfare and pension contributions, and travel allowance which are paid in the city or locality by other contractors for work of a similar character performed in the county or locality by each craft, classification, or type of worker needed to complete a contract.

In accordance with Montana Law (Section 18-2-422, MCA), each contractor and employer shall maintain payroll records in a manner readily capable of being certified for submission under MCA 18-2-423, for not less than three years after the Contractor’s completion of work on this project.

Travel allowance, if applicable, may or may not be all inclusive of “travel” and/or subsistence and travel time due employees. It is incumbent on the employer to determine the amounts due for each craft employed according to the method of computation outlined for each craft where applicable.

To comply with Section 18-2-406, MCA, the Contractor performing work or providing construction services shall post in a prominent and accessible site on the project or staging area, not later than the first day of work and continuing for the entire duration of the project, a legible statement of all wages and fringe benefits to be paid to the employees.

Per Montana Law, (Section 18-2-407, MCA), any contractor, subcontractor, or employer who pays workers or employees at less than the standard prevailing wage as established under the public works contract shall forfeit a penalty at a rate of up to 20% of the delinquent wages plus fringe benefits, attorney fees, audit fees, and court costs. Money collected under this section must be deposited in the Montana general fund. A contractor, subcontractor, or employer shall also forfeit to the employee the amount of wages owed plus \$25 a day for each day that the employee was underpaid.

Copies of the current prevailing rate of wages may be obtained from the Montana State Department of Labor and Industry, Labor Standards Division, Helena, Montana.

Any infractions of the Laws of the State of Montana covering labor will be forwarded to the State of Montana, Department of Labor and Industry, Labor Standards Division.

The contractor performing work on a “public works contract” shall not pay less than the latest Montana Labor Standard Provisions minimum wage as determined by the U.S. Secretary of Labor. A copy of said wage rate is attached as part of the contract documents. The provisions of this part do not apply in those instances in which the standard prevailing rate of wages is determined by federal law. “Public works contract” means a contract for construction services let by the state, county, municipality, school district, or political subdivision or for non-construction services let by the state, county, municipality, or political subdivision in which the total cost of the contract is in excess of \$25,000.

Contractor shall utilize the Montana Statewide Davis-Bacon Heavy Construction Wage Rates included in the Montana Prevailing Wage Rate Schedule for Heavy Construction effective January 11, 2025, which is attached as Exhibit B.

11. Nondiscrimination and Equal Opportunity: Contractor agrees and shall comply with the following Non-Discrimination and Equal Opportunity policies:

NON-DISCRIMINATION

All hiring shall be on the basis of merit and qualification and there shall be no discrimination in employment on the basis of race, ancestry, color, physical or mental disability, religion, national origin, sex, age, marital or familial status, creed, ex-offender status, physical condition, political belief, public assistance status, sexual orientation, or gender identity/expression, except where these criteria are reasonable bona fide occupational qualifications.

EQUAL OPPORTUNITY POLICY

Contractors, subcontractors, sub grantees, and other firms doing business with the City of Missoula must be in compliance with the City of Missoula’s Equal Opportunity Policy, and Title 49 Montana Codes Annotated, entitled “Human Rights” or forfeit the right to continue such business dealings.

The City’s Equal Opportunity Policy Statement is:

The Mayor of the City of Missoula or the Mayor’s designee may adopt an action plan to provide all persons equal opportunity for employment without regard to race, ancestry, color, handicap, religion, creed, national origin, sex, age, sexual orientation, gender identity or expression, or marital status. In keeping with this commitment, we are assigning to all department heads and their staff the responsibility to actively facilitate equal employment opportunity for all present employees, applicants, and trainees. This responsibility shall include assurance that employment decisions are based on furthering the principle of equal employment opportunity by imposing only valid requirements for employment and assuring that all human resource actions are administered on the basis of job necessity.

Specific responsibility for developing, implementing, monitoring and reporting are assigned to the City Personnel staff under the supervision and direction of the Chief Administrative Officer and the Mayor.

It is the policy of the City of Missoula to eliminate any practice or procedure that discriminates illegally or has an adverse impact on an “affected” class. Equal opportunity shall be provided for all City employees during their terms of employment. All applicants for City employment shall be employed on the basis of their qualifications and abilities.

The City of Missoula, to the extent practical, shall ensure that subcontractors and vendors comply with this policy and the City’s non-discrimination and equal opportunity requirements found at Chapter 9.64 of the Missoula Municipal Code. Failure of subcontractors and vendors to comply with this policy statement shall jeopardize initial, continued, or renewed funds or future contracting opportunities.

Our commitment is intended to promote equal opportunity in all employment practices and provide a positive program of equal employment for the City of Missoula, its employees, program participants, trainees and applicants.

12. Default and Termination: If either party fails to comply with any condition of this agreement at the time or in the manner provided for, the other party, at its option, may terminate this agreement and be released from all obligations if the default is not cured within ten (10) days after written notice is provided to the defaulting party. Said notice shall set forth the items to be cured. Additionally, the non-defaulting party may bring suit for damages, specific performance, and any other remedy provided by law. These remedies are cumulative and not exclusive. Use of one remedy does not preclude use of the others. Notices shall be provided in writing and hand-delivered or mailed to the parties at the addresses set forth in the first paragraph of this agreement.

13. Modification and Assignability: This document contains the entire agreement between the parties and no statements, promises or inducements made by either party or agents of either party, which are not contained in this written agreement, may be considered valid or binding. This agreement may not be enlarged, modified or altered except by written amendment signed by both parties hereto. The Contractor may not subcontract or assign Contractor's rights, including the right to compensation or duties arising under this agreement, without the prior written consent of City. Any subcontractor or assignee will be bound by all of the terms and conditions of this agreement.

14. Liaison: The City's designated liaison with Contractor is **Logan McInnis** and Contractor's designated liaison with the City is **Loran Hawkinson**.

15. Applicability: This agreement and any extensions of it shall be governed and construed in accordance with the laws of the State of Montana.

16. Signing of Contract: The contract may be signed in counterparts and signed electronically by all parties.

IN WITNESS WHEREOF, the parties here have executed this instrument the day and year first above written.

CONTRACTOR:
Valley Irrigation

MAYOR
City of Missoula, Montana

Andrea Davis

ATTEST:

APPROVED AS TO FORM:

Claire Trimble, City Clerk

City Attorney



406-363-3599
 mainline@valleyirrigation.net
 www.valleyirrigation.net



P.O. Box 70
 1316 Eastside Hwy
 Corvallis, MT 59828

406-961-3599
 order@vlsm.com
 www.vlsm.com

QUOTE
 Page 1 of 1

QUOTE NO. SO-218756

Phone: (406) 552-6763
 Email: maesb@ci.missoula.mt.us

SOLD TO: Missoula Water
 Missoula Water
 PO Box 5388

SHIP TO: Missoula Water
 1345 West Broadway
 Missoula MT 59802
 UNITED STATES

Missoula MT 59802

TRANSACTION DATE	CUSTOMER REQ. NO.	SHIP VIA	SALES-PERSON	DATE SHIPPED	TERMS
08/18/2025	Great Northern Summa		TT	08/18/2025	Due on Receipt

QUANTITY ORDERED	ITEM NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1.00	MISC	Great Northern Pump Replacement Estimate # 218734 - FloWise - 100hp - 13MC - 84.6%	\$85,621.33	\$85,621.33
1.00	MISC	Estimate # 218746 - Mechanically Clean & Televiser Well	\$32,830.53	\$32,830.53
1.00	MISC	Estimate # 218735 - Pull Existing Pump - Unknown Issues or Circumstances Could Impact This Estimate	\$7,296.00	\$7,296.00

Weight	0.00 lbs.	Thank You	SALES AMOUNT	\$125,747.86
			FREIGHT	\$0.00
			TOTAL	\$125,747.86
			TOTAL DEPOSITS	\$0.00
			BALANCE REMAINING	\$0.00



Preferred Pump Equipment
 524 22nd St
 Lubbock, TX 79404
 (806) 576-7049
 HLafuente@preferredpump.com

QUOTATION

DATE: 8/14/2025
ATTENTION: Tyler Thomas
COMPANY: Valley Irrigation Inc
 Corvallis, MT 59828
PHONE #: (406)363-3599
MOBILE #:
EMAIL: tyler@valleyirrigation.net

QUOTATION #.: HL-08142025-9093
CUSTOMER #:
SALES REP: House Account
MOBILE #:
EMAIL: FlowwiseEngineeredSales@preferredpump
PREPARED BY: Hector Lafuente
PROJECT NAME: Great Northern Pump
PPE WHSE:

Submittals

Thank you for the opportunity to supply your pumping needs. Please find below a submittal for your review.

DUTY POINT: 1200GPM @ 245TDH
RPM: 1770
EFFICIENCY: 85%
BHP: 90.3
SETTING: 75'

Pumping Level: Not Specified
Temperature: Not Specified
pH: Not Specified
Number of Units: 1

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	NS-W/L BOWL ASSEMBLY	FloWise 13MC - 5 Stage W/L Bowl Assembly with 10" Suction , Vitraeous Enameled Bowls, Stainless Steel Bowl WR, 907LF Bronze Bearings, 416SS Shaft, Two Plane Balanced 304SS Impellers, Stainless Steel Impeller WR, 416SS Taperlocks, 10" Discharge, 18-8SS Bolts, Tnemec Series 21 Coating OD
2	1	CSM-10-304	10" 304SS MNPT Cone Strainer
3	1	TSP10-365-10	10" 365 x 10' Suction Pipe, NPT, Carbon Steel - A53 B
4	75'	-	10" 365 X 1 5 W/L Column Assembly Complete with 416SS Shaft & 416SS Coupling, Rubber Insert, 304SS Spiders, Tnemec Series 21 Coating ID/OD
5	1	-	TDHB-FW10X10X16 Product Lubricated Discharge Head Assembly Complete with Sole Plate, Coupling Guard, Packing Box - LP Kit, Top Shaft Kit, Head Shaft Kit and Tnemec Series 21 Head Coating ID/OD
6	1	-	US 100HP, 1800 RPM, VHS, WP-I, 6700 lbs Thrust, NRR, Class "H" Insulation, VPI-1000, Shaft Grounding Ring, Insulated Upper Bearing, Thermostats, Complete Test Unwitnessed, 404TP, 3/60, 460V
7	1	LAB-NWPERF	Factory Non-Witness Performance Test, ANSI/HI 14 6 1B Tolerance, Test to Include A Minum of 8 Points , Lab Motor

FREIGHT: PPA
DELIVERY: 12-15 Weeks

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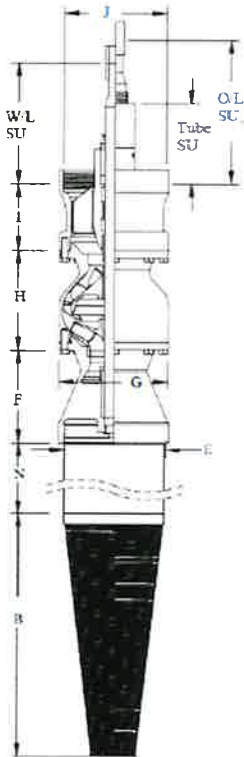
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Bowl Assembly

Bowl Data

Model	FW13MC
Bowl Shaft	1.688 in
Lateral	0.88 in
Max Lateral	2.13 in
CI Rating	340 psi
DI Rating	632 psi
Specific Speed	2667
Bowl Weight	725 lbs
Required Impeller Balance	Dynamic Balance G6.3



Dimensions

Identifier	Description	Dimension
A		
B	Strainer Length	27.17 in
C	Bell OD	N/A
D	Bell Length	N/A
E	Suction Size	10.00 in
F	Suction Length	9.13 in
G	Bowl OD	12.13 in
H	Intermediate Bowl Length	10.75 in
I	Discharge Length	5.25 in
J	Discharge Size	10 in
K		
L		
M		
N	Suction Pipe	120 in
W/L SU	Water Lube Shaft Stick Up	10" std
O/L SU	Oil Lube Shaft Stick Up	N/A
TUBE SU	Oil Lube Tube Stick Up	N/A
BL	Bowl Length	68.13 in
OAL	Overall Bowl Length	215.30 in

Materials of Construction

Description	Material	Specification
Line Shaft Coupling	416SS	ASTM A582
Discharge Case Upper Bearing	907LF Bronze	907LF
Discharge Case Plug	Galvanized	ASTM A-197
Discharge Case Set Screw	Stainless Steel	ASTM A193.A320.F593
Discharge Case	Ductile Iron	ASTM A536 Gr. 65-45-12
Discharge Case Lower Bearing	907LF Bronze	907LF
Capscrew	18-8SS	ASTM A320
O-Ring	Buna-70-NSF61	ASTM 4926-70
Bowl Bearing	907LF Bronze	907LF
Bowl	C. I. Vitreous Enameled	ASTM A48 CL30
Bowl*	N/A	
Taperlocks	416SS	ASTM A582M
Impeller	304SS	ASTM A744
Bowl Shaft	416SS	ASTM A582M-95b
Sand Cap Set Screw	SS	ASTM A193.A320.F593
Sand Cap	416SS	ASTM A582
Suction Bearing	907LF Bronze	907LF
Suction Case	Cast Iron	ASTM A48 CL30
Suction Case Plug	Galvanized	ASTM A-197
Bowl Wear Ring	Stainless Steel	ASTM A743M (416SS)
Impeller Wear Ring	Stainless Steel	ASTM A743 CF8M (316SS)
Suction Bell	N/A	
Coating	Outer Diameter	Tnemec Series 21

*DI Bowls may be used in conjunction with cast iron bowls to reach desired bowl pressure rating



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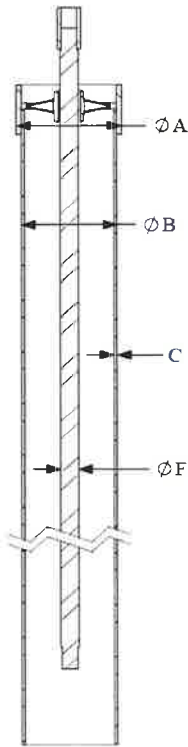
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EMAIL: FlowiseEngineeredSales@preferredpump
PREPARED BY: Hector Lafuente
PROJECT NAME: Great Northern Pump
PPE WHSE:

Column Assembly

Setting	75.00 ft
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Data Type	Design	Shutoff
Hydraulic Thrust	1975 lbs	2765 lbs
Total Thrust	2527 lbs	3317 lbs
Lateral	0.166 in	0.180 in

Length	Column	Line Shafts
	10" .365	1.500 in
9' 11-1/4" Joints	7 pcs	7 pcs
4' 11-1/4" Joints	1 pcs	1 pcs
2' TBE		
Weight	3836 lbs	

Dimensions

Label	Description	Value
A	Coupling OD	11.75 in
B	Column OD	10.75 in
C	Column Wall	0.365 in
D		
E		
F	Shaft	1.500 in

Materials of Construction

Description	Material	Specification
Column	Carbon Steel	ASTM A53 B
Spider	304SS	ASTM A744M
Bearing	Rubber	ASTM D2000
Shaft	416SS	ASTM A582M-95b
Coupling	416SS	ASTM A582
Coating Column	Coating ID/OD	Tnemec Series 21

QUOTATION

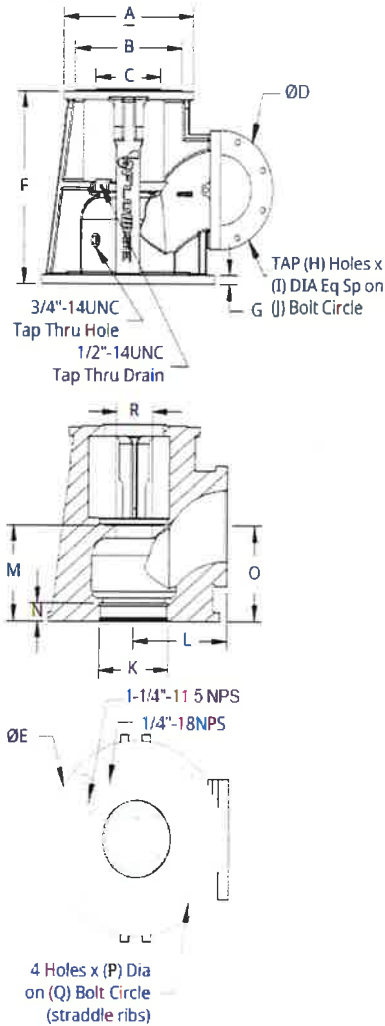
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PREPARED BY: Hector Lafuente
PROJECT NAME: Great Northern Pump
PPE WHSE:

Head Assembly

Head Data

Head Model	TDHB-FW10X10X16
Sealing Method	Packing Box - LP
Shaft Size	1.500 in
Coupling Type	Threaded
Shaft/Coupling TPI	1.5 10TPI
Sole Plate	NS-TSPL-24X16.5X.75



Dimensions

Identifier	Description	Dimension
A	Base Diameter	16.500 in
B	Register	13.49 in
C	N/A	
D	Flange OD	16.00 in
E	Base OD	21.00 in
F	Head Height	20.63 in
G	Base Thickness	1.15 in
H	Discharge # Flange Holes	12.00 in
I	Discharge Flange Holes	7/8 9UNC
J	Discharge Flange Bolt Circle	14.25 in
K	Suction Size	10.00 in
L	Centerline to Discharge	10.75 in
M	Stuffing Box Height	10.63 in
N	Suction Thread Depth	2.75 in
O	Discharge Height	8.75 in
P	Base Bolt Holes	1.13 in
Q	Base Bolt Circle	18.75 in
R	Stuffing Box Register	RTF
S		
T		
U		
V		
WEIGHT		297.00 lbs

Materials of Construction

Description	Material	Specification
Head	Cast Iron	ASTM A48 Class 30
Packing Box	Cast Iron	ASTM A48 CL30
Top Shaft	416SS	ASTM A582M-95b
Head Shaft	416SS	ASTM A582M-95b
Coupling	416SS	ASTM A582
Hardware	Stainless	ASTM A193, A320, F593
Sole Plate	Carbon Steel	ASTM A36
Head Coating ID/OD	Tnemec Series 21	

*Final dimensions and placement of ports to be finalized during submittal process.

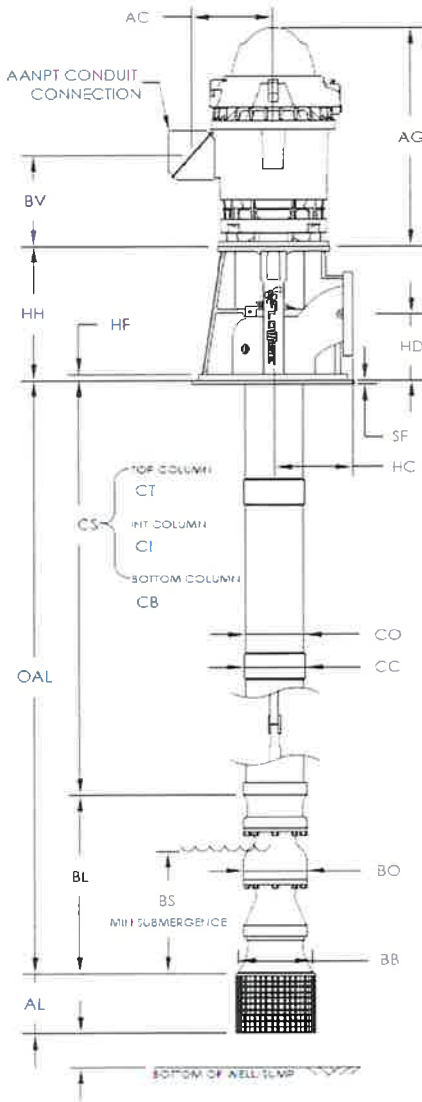
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General Arrangement



Motor	Head
AC	HH 20.63 in
AG	HD 8.75 in
AA	HC 10.75 in
BV	HF 1.15 in
CD	SF 0.75 in
BD	

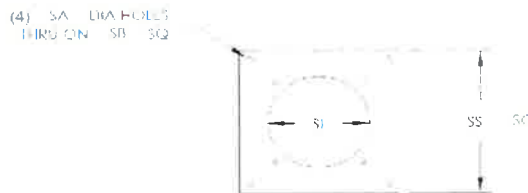
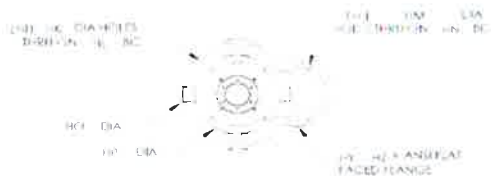
Column	Bowl
CS 900.00 in	BO 12.13 in
CT	BL 68.13 in
CI	BS 24.00 in
CB	BB
CC 11.75 in	
CO 10.75 in	

Acc	
AL	147.17 in

Totals	
OAL	80.68 ft
TPL	92.94 ft

Discharge Head			
HI	8.75	HY	10.00 in
HK	1.13 in	HZ	125 #
HL	18.75 in	I	
H	12	IM	
HM	7/8 9UNC	IN	
HN	14.25 in	IY	
HO	21.00 in	IZ	
HP	16.50 in		

Sole Plate			
SS	24.00 in		
SI	16.50 in		
SA	1.25 in		
SB	22.00 in		





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PROJECT NAME: Great Northern Pump
PPE WHSE:

Notes, Exceptions & Clarifications

Part 2.F.a Centering spiders quoted as 304SS not Silicon Bronze as in specification.
Part 2.B Offering 83% efficiency on 1B standard

Company: Preferred Pump
 Name:
 Date: 8/14/2025



Pump:

Size: FW13MC (5 stage)
 Type: Vertical Turbine
 Synch Speed: 1800 rpm
 Curve: FT6413MC0
 Specific Speeds:
 Dimensions:
 Vertical Turbine:

Speed: 1770 rpm
 Dia: 8.875 in
 Impeller: Enclosed
 Ns: 2667
 Nss: ---
 Suction: 10 in
 Discharge: 10 in
 Bowl Size: 12.1 in
 Max Lateral: 2.13 in
 Thrust K Factor: 7.9 lbf/ft

Search Criteria:

Flow: 1200 US gpm Head: 245 ft

Fluid:

Water
 Density: 62.32 lb/ft³
 Viscosity: 0.9946 cP
 NPSHa: ---

Temperature: 68 °F
 Vapor Pressure: 0.3391 psi a
 Atm Pressure: 14.7 psi a

Motor:

Standard: NEMA
 Enclosure: TEFC
 Sizing Criteria: Max Power on Design Curve

Size: 100 hp
 Speed: 1800 rpm
 Frame: 405T

Pump Limits:

Temperature: ---
 Pressure: 340 psi g
 Sphere Size: 0.75 in

Power: ---
 Eye Area: 21 in²

--- Duty Point ---

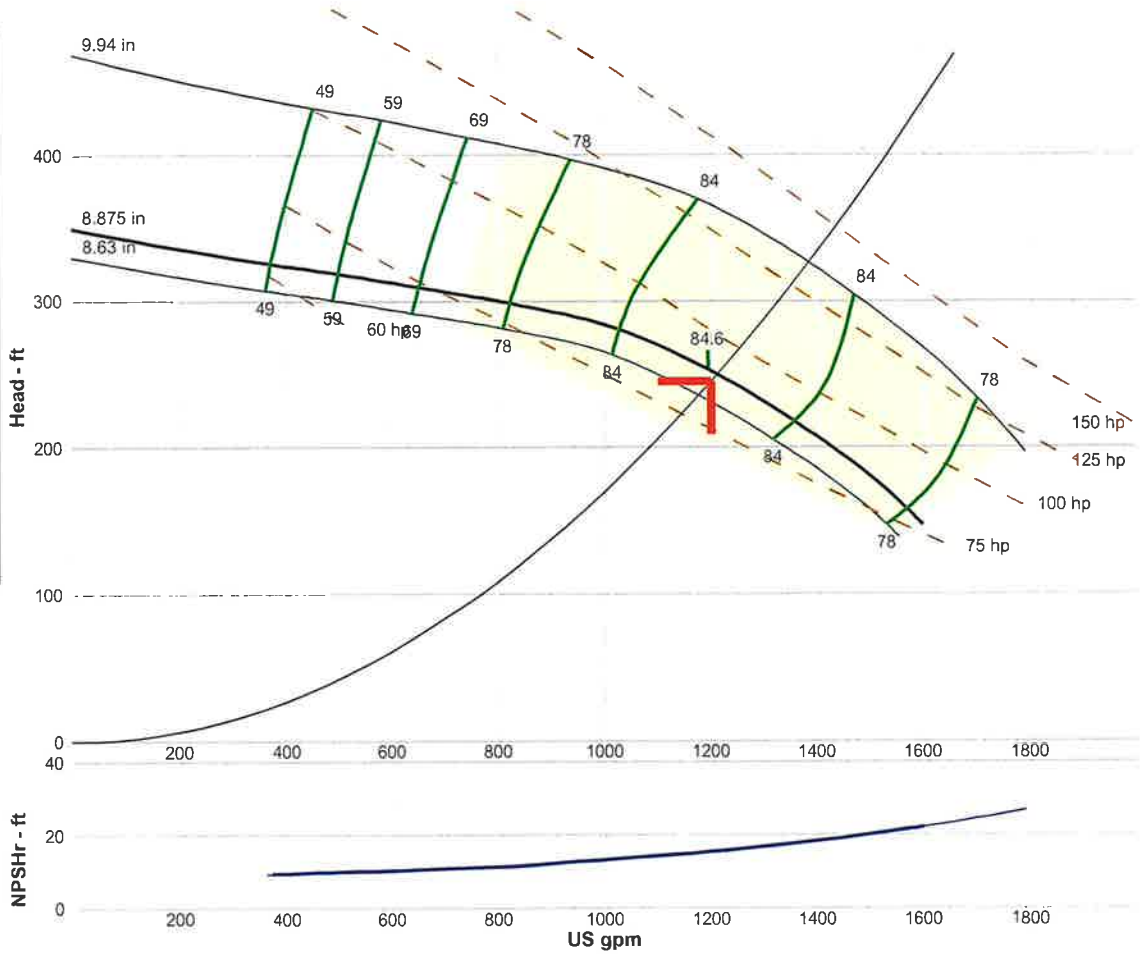
Flow: 1211 US gpm
 Head: 250 ft
 Eff: 84.5%
 Power: 90.1 hp
 NPSHr: 15.7 ft

--- Design Curve ---

Shutoff Head: 350 ft
 Shutoff dP: 152 psi
 Min Flow: ---
 BEP: 84.6% @ 1194 US gpm
 NOL Power:
 90.3 hp @ 1194 US gpm

--- Max Curve ---

Max Power:
 135 hp @ 1471 US gpm



Performance Evaluation:

Flow US gpm	Speed rpm	Head ft	Efficiency %	Power hp	NPSHr ft
1440	1770	195	81.7	85.6	19.2
1200	1770	252	84.6	90.2	15.5
960	1770	287	82	84.3	13
720	1770	305	72.6	76.1	11
480	1770	320	57.5	67.2	9.92



Vertical Turbine Engineering Data

Effective May, 2021

Customer : Valley Irrigation Inc
 Job Name : Great Northern Pump
 Customer PO :
 Date : 8/14/2025

Sales Order :
 Serial Numbers :

FW13MC - 5 Stage

Cast Iron Bowls Required :	5	Ductile Iron Bowls Required :	0
Bowl Lateral (as built) :		Bowl Assembly Weight (lbs) :	1005.5
Standard Lateral :	0.875	K Factor :	7.90
Maximum Lateral :	2.130		

Column Assembly

Setting (ft) :	75		
Column Pipe Size :	10" .365	Shaft or Tube & Shaft Size :	1.5

Oil Tube Stretch Required (in) :	0.000	
Natural Shaft Rise (in) :	0.000	
Required Shaft Pull-up to Clear Impeller From Bottom (in) :	0.011	(1)

SHAFT STRETCH AND PIPE STRETCH ARE AS FOLLOWED

GPM	TDH	Shaft Stretch	Pipe Stretch	Net Stretch (2)
0	470	0.065	0.010	0.055
250	445	0.062	0.010	0.052
500	425	0.059	0.009	0.050
750	413	0.057	0.009	0.048
1000	390	0.054	0.009	0.045
1125	375	0.052	0.008	0.044
1250	355	0.049	0.008	0.041
1325	340	0.047	0.008	0.039
1500	300	0.042	0.007	0.035
1700	230	0.032	0.006	0.026

NOTES

Calculation to set impellers in final run position:
 (Required Shaft Pull-up (1) + Net Stretch (2) + .125" for enclosed impellers or .0625" for semi open impellers)
 NOTE: THIS CALCULATION ASSUMES THE LINESHAFT HAS NOT BEEN STRETCHED AND NO ADJUSTMENT TO THE HEAD SHAFT NUT HAS BEEN MADE.

To calculate bowl lateral required:
 Net Stretch (2) + .125" for enclosed impellers or .0625" for semi open impellers

Note it is factory recommended to set enclosed impellers for shut off condition.

PREFERRED PUMP & EQUIPMENT, LP'S TERMS AND CONDITIONS OF SALE

1. **TERMS AND CONDITIONS.** These terms and conditions of sale apply to all orders by Buyer and all goods and services to be provided by Seller to Buyer, except as provided below. The invoice on the reverse hereof and these terms and conditions constitute Buyer's order. Seller retains the right to alter or change these terms and conditions at any time upon written notice to Buyer as provided by law. By placing an order(s) after receipt of such notice, Buyer agrees that all subsequent charges will be subject to Seller's alterations or changes. Buyer acknowledges and agrees that any terms and conditions set forth on any purchase order or other document subsequently submitted by Buyer which are different than or conflict with these terms and conditions are rejected by Seller. These terms and conditions may not be waived or modified except as specifically set forth in writing by Seller. The order and any applicable Commercial Credit Agreement and Personal Guaranty contain the final and complete agreement between the parties for provision of the goods and services and supersede all prior or contemporaneous conduct, agreements, statements, representations, negotiations, course of conduct, course of dealing, or communications pertaining to those goods and services, whether written or oral. Seller's failure to object to provisions contained in any of Buyer's forms shall not be deemed to be a waiver of these terms and conditions.
2. **CHANGES.** All orders must be approved and accepted by Seller. All requests for changes to any order must be made to Seller in writing. Seller may accept such changes in writing in its sole and absolute discretion, for such additional charges as may be determined by Seller.
3. **CREDIT AND PAYMENT TERMS.** Buyer agrees to pay the full amount shown on the order, plus applicable sales tax, shipping and other charges. Tax-exempt Buyers must furnish a certificate of exemption or pay sales tax. Unless otherwise indicated on the order or as provided below, payment is due and payable in full as set forth on the invoice. In the event Buyer fails to make payment when due, Seller may suspend or cancel any further shipments, and Buyer shall reimburse Seller for any fees, costs or expenses it incurs in attempting to collect such amounts due from Buyer, whether by lawsuit or otherwise, including without limitation attorneys' fees and collection fees based on a percentage of recovery against Buyer. Seller may assess a 1.5% monthly interest charge on the entire unpaid balance of the account for any monthly period during which any payment is more than 30 days late. If, in the sole judgment of Seller, the financial condition of Buyer at any time does not justify continuance of shipment, Seller may require full or partial payment in advance at any time.
4. **CANCELLATION.** Once an order is accepted by Seller, the order is a binding contract subject to the terms and conditions set forth herein and may not be cancelled without Seller's written consent, which may be withheld in Seller's sole and absolute discretion. Canceled orders are subject to a 25% restocking fee based on the sales price of the items canceled.
5. **SHIPPING.** All sales are F.O.B., Seller's warehouse at Buyer's sole expense unless otherwise agreed in writing by Seller. Unless otherwise noted on the order, delivery shall be via ground transportation as Seller deems appropriate in its sole discretion. Seller is not responsible for delays caused by carriers. Buyer assumes risk of loss when goods are delivered to common carrier.
6. **DELIVERY, INSPECTION AND ACCEPTANCE.** Buyer or Buyer's representative must be present at time of delivery to sign for goods and acknowledge quantity and condition of goods. Buyer shall inspect all goods upon delivery. Unless Buyer notifies Seller in writing of Buyer's rejection and the reason therefore at the time of delivery, the goods shall be conclusively presumed to be accepted by Buyer.
7. **SCHEDULING AND DELAYS.** If goods cannot be delivered on the scheduled delivery date for reasons beyond Seller's control, Seller shall have a reasonable period of time to deliver the goods once delays have been eliminated. Delays for reasons beyond Seller's control do not constitute grounds for non-acceptance of goods or non-payment by the Buyer.
8. **NO WARRANTIES; LIMITATION OF DAMAGES; REMEDY.** NO EXPRESS OR IMPLIED WARRANTIES ARE GIVEN BY SELLER. THE GOODS PURCHASED HEREUNDER ARE SOLD BY SELLER "AS IS." BUYER MUST PROCEED DIRECTLY AGAINST THE MANUFACTURER WITH RESPECT TO BREACHES OF THE MANUFACTURER'S WARRANTIES (IF ANY). SELLER EXPRESSLY DISCLAIMS ALL WARRANTIES OF ANY KIND, INCLUDING BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND OF ALL OTHER OBLIGATIONS OR LIABILITY ON SELLER'S PART. THE BUYER AND GUARANTOR (IF ANY) ARE NOT ENTERING THIS AGREEMENT IN RELIANCE ON ANY STATEMENT OF SELLER NOT FOUND IN THIS AGREEMENT. IN NO EVENT SHALL SELLER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, GENERAL, EXEMPLARY OR SPECIAL DAMAGES, INCLUDING LOST PROFITS, REGARDLESS OF THE FORESEEABILITY OF SUCH DAMAGES, WHETHER BASED ON CONTRACT, REPRESENTATION, WARRANTY OR TORT, ARISING OUT OF OR RELATED TO PURCHASE, INSTALLATION, USE OR PERFORMANCE OF GOODS. WITHOUT LIMITING THE FOREGOING, BUYER'S SOLE AND EXCLUSIVE REMEDY, AND SELLER'S SOLE AND EXCLUSIVE LIABILITY, WITH RESPECT TO GOODS PURCHASED HEREUNDER, SHALL BE, AT SELLER'S OPTION, TO REPAIR OR REPLACE SUCH GOODS, REFUND THE PURCHASE PRICE, OR CREDIT BUYER'S ACCOUNT, PROVIDED BUYER COMPLIES WITH SELLER'S RETURN PROCEDURES AND SELLER'S EXAMINATION OF SUCH GOODS DISCLOSES TO SELLER'S SATISFACTION THAT SOME PROBLEM ACTUALLY EXISTS THAT WAS NOT CAUSED BY ACCIDENT, MISUSE, ALTERATION, DAMAGE IN TRANSIT, OR MISHANDLING.
9. **FORCE MAJEURE.** Seller shall not be held responsible for any losses of any kind resulting if the fulfillment of any term or provision of any order is delayed or prevented by any excusing cause, including revolutions or other disorders, wars, acts of enemies, strikes, fires, floods, or acts of God. Without limiting the foregoing, the term "excusing causes" includes any cause not within the control of Seller that Seller is unable to prevent by the exercise of reasonable diligence.
10. **MISCELLANEOUS.** These terms and conditions shall be governed in all respects, including validity, interpretation and effect, by, and shall be enforceable in accordance with the laws of the State of Texas, without regard to or application of conflict of law rules or principals. Should any dispute arise concerning this agreement, or arising out of or related thereto, such claims will be litigated exclusively in the state courts of Tarrant County, Texas, which such courts shall have the exclusive jurisdiction and venue of these matters. Buyer agrees that such jurisdiction is not unreasonable and presents no overly burdensome difficulty or inconvenience to the Buyer. For any such litigation, the Parties submit to the jurisdiction of the Tarrant County State District Courts and waive any such rights each may have to transfer or change this jurisdiction or venue of any such litigation brought against them by any other Party to this agreement. No waiver of any breach shall be held to be a waiver of any other or subsequent breach. If any action, suit or proceeding (including without limitation proceedings in arbitration or mediation or in collection) arising out of or relating to this order is brought by either party, the prevailing party will be entitled to receive from the other party, in addition to any other relief that may be granted, the reasonable attorneys' fees, experts' fees, costs, and expenses incurred in the action or proceeding by the prevailing party.



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LIMITED WARRANTY

New equipment manufactured by FloWise ("Seller"; such equipment, "Equipment") is hereby warranted to be free from material defects in material and workmanship under normal use and service for a period of one (1) year from the date of shipment (the "Warranty Period"). If, prior to the end of the Warranty period, the purchaser ("Purchaser") timely notifies Seller of a potential defect in the Equipment and provides reasonable detail about such suspected defect, then Seller shall, upon Seller's confirmation that the Equipment is defective, either (a) repair, (b) replace, or (c) accept the return of, such defective Equipment, in each case (a) through (c) at Seller's sole election. If Seller elects to accept the return of any defective Equipment in accordance with (c) above, then Purchaser shall ship such Equipment to Seller (F.O.B. Seller's branch of origin from which it was originally shipped), and Seller shall (i) refund any amount paid thereon by Purchaser (less depreciation at the rate of fifteen percent (15%) per year if Purchaser has used such Equipment for more than thirty (30) days) and (ii) cancel any balance still owed by Purchaser on such Equipment. Upon Seller's request, Purchaser shall ship any defective Equipment replaced in accordance with (b) above to Seller (F.O.B. Seller's branch of origin).

EXCEPT FOR THE WARRANTIES SET FORTH IN THE IMMEDIATELY PRECEDING PARAGRAPH, SELLER MAKES NO WARRANTY WHATSOEVER WITH RESPECT TO SELLER'S EQUIPMENT, INCLUDING ANY (a) WARRANTY OF MERCHANTABILITY; OR (b) WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE; WHETHER EXPRESS OR IMPLIED BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE, OR OTHERWISE. THE REMEDIES DESCRIBED IN THE IMMEDIATELY PRECEDING PARAGRAPH ARE PURCHASER'S SOLE AND EXCLUSIVE REMEDIES AND SELLER'S ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. SELLER'S LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY PURCHASER FOR THE DEFECTIVE EQUIPMENT, NOR SHALL SELLER UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

For the avoidance of doubt, this limited warranty does not cover any Equipment defect or damage due to: (a) transportation; (b) storage; (c) improper use, installation, or adjustment; (d) failure to follow the product instructions or to perform any preventive maintenance; (e) modifications; (f) unauthorized repair; (g) normal wear and tear; (h) external causes such as accidents, abuse, neglect, or other actions or events beyond Seller's reasonable control; or (i) decomposition from chemical action or wear caused by abrasive materials.

For the avoidance of doubt, this limited warranty does not cover any Equipment or parts thereof repaired outside of Seller's branch of origin without prior written approval of Seller, and Seller makes no warranty as to any product manufactured by a third party ("Third Party Product"), including, without limitation, any starting equipment, electrical apparatus or other material used alone or in combination with Seller's Equipment. For the avoidance of doubt, SELLER MAKES NO REPRESENTATIONS OR WARRANTIES WITH RESPECT TO ANY THIRD PARTY PRODUCT, INCLUDING ANY (a) WARRANTY OF MERCHANTABILITY; (b) WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE; (c) WARRANTY OF TITLE; OR (d) WARRANTY AGAINST INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OF A THIRD PARTY; WHETHER EXPRESS OR IMPLIED BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE OR OTHERWISE.

MONTANA
PREVAILING WAGE RATES FOR HEAVY CONSTRUCTION SERVICES 2025

Effective: January 11, 2025

Greg Gianforte, Governor
State of Montana

Sarah Swanson, Commissioner
Department of Labor & Industry

To obtain copies of prevailing wage rate schedules, or for information relating to public works projects and payment of prevailing wage rates, visit ESD at erd.dli.mt.gov/labor-standards or contact:

Employment Standards Division
Montana Department of Labor and Industry
P. O. Box 8011
Helena, MT 59604
Phone 406-444-6543

The department welcomes questions, comments, and suggestions from the public. In addition, we'll do our best to provide information in an accessible format, upon request, in compliance with the Americans with Disabilities Act.

MONTANA PREVAILING WAGE REQUIREMENTS

The Commissioner of the Department of Labor and Industry, in accordance with Sections 18-2-401 and 18-2-402 of the Montana Code Annotated (MCA), has determined the standard prevailing rate of wages for the occupations listed in this publication.

The wages specified herein control the prevailing rate of wages for the purposes of Section 18-2-401, et seq., MCA. It is required each employer pay (as a minimum) the rate of wages, including fringe benefits, travel allowance, zone pay and per diem applicable to the district in which the work is being performed as provided in the attached wage determinations.

All Montana Prevailing Wage Rates are available on the internet at erd.dli.mt.gov/labor-standards or by contacting the department at (406) 444-6543.

In addition, this publication provides general information concerning compliance with Montana's Prevailing Wage Law and the payment of prevailing wages. For detailed compliance information relating to public works contracts and payment of prevailing wage rates, please consult the regulations on the internet at erd.dli.mt.gov/labor-standards or contact the department at (406) 444-6543.

SARAH SWANSON
Commissioner
Department of Labor and Industry
State of Montana

TABLE OF CONTENTS

MONTANA PREVAILING WAGE REQUIREMENTS:

A.	Date of Publication	3
B.	Definition of Heavy Construction	3
C.	Definition of Public Works Contract	3
D.	Prevailing Wage Schedule	3
E.	Rates to Use for Projects	3
F.	Wage Rate Adjustments for Multiyear Contracts	3
G.	Fringe Benefits	4
H.	Dispatch City	4
I.	Zone Pay	4
J.	Computing Travel Benefits	4
K.	Per Diem	4
L.	Apprentices	4
M.	Posting Notice of Prevailing Wages	5
N.	Employment Preference	5
O.	Projects of a Mixed Nature	5
P.	Occupations Definitions Website	5
Q.	Welder Rates	5
R.	Foreman Rates	5
S.	Proper Classification for Pipefitter and Laborer/Pipelayer Work on Water and Waste Water Treatment Plants	5

WAGE RATES:

BOILERMAKERS		6
BRICK, BLOCK, AND STONE MASONS		6
CARPENTERS		6
CEMENT MASONS AND CONCRETE FINISHERS		6
CONSTRUCTION EQUIPMENT OPERATORS		
OPERATORS GROUP 1		7
OPERATORS GROUP 2		7
OPERATORS GROUP 3		8
OPERATORS GROUP 4		8
OPERATORS GROUP 5		8
OPERATORS GROUP 6		8
OPERATORS GROUP 7		9
CONSTRUCTION LABORERS		
LABORERS GROUP 1		9
LABORERS GROUP 2		9
LABORERS GROUP 3		10
LABORERS GROUP 4		10
DIVERS		10
DIVER TENDERS		11
ELECTRICIANS		11
INSULATION WORKERS - MECHANICAL (HEAT AND FROST)		11
IRONWORKERS - STRUCTURAL STEEL AND REBAR PLACERS		12
LINE CONSTRUCTION		
EQUIPMENT OPERATORS		12
GROUNDMAN		12
LINEMAN		12
MILLWRIGHTS		13
PAINTERS		13
PILE BUCKS		13
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS		13
SPRINKLERFITTERS		14
TRUCK DRIVERS		14

A. Date of Publication January 13, 2025

B. Definition of Heavy Construction

The Administrative Rules of Montana (ARM), 24.17.501(4) – (4)(b), states “Heavy construction projects include, but are not limited to, those projects that are not properly classified as either ‘building construction’, or ‘highway construction.’”

Heavy construction projects include, but are not limited to, antenna towers, bridges (major bridges designed for commercial navigation), breakwaters, caissons (other than building or highway), canals, channels, channel cut-offs, chemical complexes or facilities (other than buildings), cofferdams, coke ovens, dams, demolition (not incidental to construction), dikes, docks, drainage projects, dredging projects, electrification projects (outdoor), fish hatcheries, flood control projects, industrial incinerators (other than building), irrigation projects, jetties, kilns, land drainage (not incidental to other construction), land leveling (not incidental to other construction), land reclamation, levees, locks and waterways, oil refineries (other than buildings), pipe lines, ponds, pumping stations (prefabricated drop-in units – not buildings), railroad construction, reservoirs, revetments, sewage collection and disposal lines, sewers (sanitary, storm, etc.), shoreline maintenance, ski tows, storage tanks, swimming pools (outdoor), subways (other than buildings), tipples, tunnels, unsheltered piers and wharves, viaducts (other than highway), water mains, waterway construction, water supply lines (not incidental to building), water and sewage treatment plants (other than buildings) and wells.”

C. Definition of Public Works Contract

Section 18-2-401(11)(a), MCA defines “public works contract” as “...a contract for construction services let by the state, county, municipality, school district, or political subdivision or for nonconstruction services let by the state, county, municipality, or political subdivision in which the total cost of the contract is in excess of \$25,000...”.

D. Prevailing Wage Schedule

This publication covers only Heavy Construction occupations and rates in the specific localities mentioned herein. These rates will remain in effect until superseded by a more current publication. Current prevailing wage rate schedules for Building Construction, Highway Construction and Nonconstruction Services occupations can be found on the internet at <https://erd.dli.mt.gov/labor-standards/state-prevailing-wage-rates/> or by contacting the department at (406) 444-6543.

E. Rates to Use for Projects

ARM, 24.17.127(1)(c), states “The wage rates applicable to a particular public works project are those in effect at the time the bid specifications are advertised.”

F. Wage Rate Adjustments for Multiyear Contracts

Section 18-2-417, MCA states:

“(1) Any public works contract that by the terms of the original contract calls for more than 30 months to fully perform must include a provision to adjust, as provided in subsection (2), the standard prevailing rate of wages to be paid to the workers performing the contract.

(2) The standard prevailing rate of wages paid to workers under a contract subject to this section must be adjusted 12 months after the date of the award of the public works contract. The amount of the adjustment must be a 3% increase. The adjustment must be made and applied every 12 months for the term of the contract.

(3) Any increase in the standard rate of prevailing wages for workers under this section is the sole responsibility of the contractor and any subcontractors and not the contracting agency.”

G. Fringe Benefits

Section 18-2-412, MCA states:

“(1) To fulfill the obligation...a contractor or subcontractor may:

(a) pay the amount of fringe benefits and the basic hourly rate of pay that is part of the standard prevailing rate of wages directly to the worker or employee in cash;

(b) make an irrevocable contribution to a trustee or a third person pursuant to a fringe benefit fund, plan, or program that meets the requirements of the Employee Retirement Income Security Act of 1974 or that is a bona fide program approved by the U. S. department of labor; or

(c) make payments using any combination of methods set forth in subsections (1)(a) and (1)(b) so that the aggregate of payments and contributions is not less than the standard prevailing rate of wages, including fringe benefits and travel allowances, applicable to the district for the particular type of work being performed.

(2) The fringe benefit fund, plan, or program described in subsection (1)(b) must provide benefits to workers or employees for health care, pensions on retirement or death, life insurance, disability and sickness insurance, or bona fide programs that meet the requirements of the Employee Retirement Income Security Act of 1974 or that are approved by the U. S. department of labor.”

Fringe benefits are paid for all hours worked (straight time and overtime hours). However, fringe benefits are not to be considered a part of the hourly rate of pay for calculating overtime, unless there is a collectively bargained agreement in effect that specifies otherwise.

H. Dispatch City

ARM, 24.17.103(11), defines dispatch city as *“...the courthouse in the city from the following list which is closest to the center of the job: Billings, Bozeman, Butte, Great Falls, Helena, Kalispell, Miles City, Missoula and Sidney.”*

I. Zone Pay

Zone pay is not travel pay. ARM, 24.17.103(25), defines zone pay as *“...an amount added to the base pay; the combined sum then becomes the new base wage rate to be paid for all hours worked on the project. Zone pay must be determined by measuring the road miles one way over the shortest practical maintained route from the dispatch city to the center of the job.”* See section H above for a list of dispatch cities.

J. Computing Travel Benefits

ARM, 24.17.103(23), states *“ ‘Travel pay,’ also referred to as ‘travel allowance,’ is and must be paid for travel both to and from the job site, except those with special provisions listed under the classification. The rate is determined by measuring the road miles one direction over the shortest practical maintained route from the dispatch city or the employee's home, whichever is closer, to the center of the job.”* See section H above for a list of dispatch cities.

K. Per Diem

ARM, 24.17.103(19), states *“ ‘Per diem’ typically covers costs associated with board and lodging expenses. Per diem is paid when an employee is required to work at a location outside the daily commuting distance and is required to stay at that location overnight or longer.”*

L. Apprentices

Wage rates for apprentices registered in approved federal or state apprenticeship programs are contained in those programs. Additionally, Section 18-2-416(2), MCA states, *“...The full amount of any applicable fringe benefits must be paid to the apprentice while the apprentice is working on the public works contract.”* Apprentices not registered in approved federal or state apprenticeship programs will be paid the appropriate journey level prevailing wage rate when working on a public works contract.

M. Posting Notice of Prevailing Wages

Section 18-2-406, MCA, provides that contractors, subcontractors, and employers who are “...performing work or providing construction services under public works contracts, as provided in this part, shall post in a prominent and accessible site on the project or staging area, not later than the first day of work and continuing for the entire duration of the project, a legible statement of all wages and fringe benefits to be paid to the employees.”

N. Employment Preference

Sections 18-2-403 and 18-2-409, MCA require contractors to give preference to the employment of bona fide Montana residents in the performance of work on public works contracts.

O. Projects of a Mixed Nature

Section 18-2-418, MCA states:

“(1) The contracting agency shall determine, based on the preponderance of labor hours to be worked, whether the public works construction services project is classified as a highway construction project, a heavy construction project, or a building construction project.

“(2) Once the project has been classified, employees in each trade classification who are working on that project must be paid at the rate for that project classification”

P. Occupations Definitions

You can find definitions for these occupations on the following Bureau of Labor Statistics website:

http://www.bls.gov/oes/current/oes_stru.htm

Q. Welder Rates

Welders receive the rate prescribed for the craft performing an operation to which welding is incidental.

R. Foreman Rates

Rates are no longer set for foremen. However, if a foreman performs journey level work, the foreman must be paid at least the journey level rate.

S. Proper Classification for Pipefitter and Laborer/Pipelayer Work on Water and Waste Water Treatment Plants The proper classification for the following work is Pipefitter, when it is performed inside a building structure or performed at a location which will later be inside of a building: Joining steel pipe larger than 12 inches in diameter with bolted flange connections that has been pre-fabricated off site and does not require any modification such as cutting, grinding, welding, or other fabrication in order to be installed. All other work previously classified as pipefitter remains in that classification. The proper classification for that work when it is at a location that will always be outside a building is Pipelayer, which is under the Laborer Group 3 classification.

WAGE RATES

BOILERMAKERS

Wage	Benefit
\$35.30	\$34.00

Travel and Per Diem:
No travel or per diem established.

Duties Include:

Construct, assemble, maintain, and repair stationary steam boilers, boiler house auxiliaries, process vessels, pressure vessels and penstocks. Bulk storage tanks and bolted steel tanks.

[↑ Back to Table of Contents](#)

BRICK, BLOCK, AND STONE MASONS

Wage	Benefit
\$32.32	\$16.78

Travel:
0-70 mi. free zone
>70-90 mi. \$60.00/day
>90 mi. \$80.00/day

[↑ Back to Table of Contents](#)

CARPENTERS

Wage	Benefit
\$36.49	\$17.45

Zone Pay:
0-30 mi. free zone
>30-60 mi. base pay + \$4.00/hr.
>60 mi. base pay + \$6.00/hr.

[↑ Back to Table of Contents](#)

CEMENT MASONS AND CONCRETE FINISHERS

Wage	Benefit
\$38.54	\$17.04

Zone Pay:
0-30 mi free zone
30-60 mi base pay+2.95/hr.
>60 mi base pay+4.75/hr.

Duties Include:

Smooth and finish surfaces of poured concrete, such as floors, walks, sidewalks, or curbs. Align forms for sidewalks, curbs, or gutters.

[↑ Back to Table of Contents](#)

CONSTRUCTION EQUIPMENT OPERATORS GROUP 1

Wage	Benefit
\$31.51	\$15.73

Per Diem:
0-75 mi free zone
>75 mi \$70/day

This group includes but is not limited to:

Air Compressor; Auto Fine Grader; Belt Finishing; Boring Machine (Small); Cement Silo; Crane, A-Frame Truck Crane; Crusher Conveyor; DW-10, 15, and 20 Tractor Roller; Farm Tractor; Forklift; Form Grader; Front-End Loader, under 1 cu. yd; Oiler, Herman Nelson Heater; Mucking Machine; Oiler, All Except Cranes/Shovels; Pumpman.

[↑ Back to Table of Contents](#)

CONSTRUCTION EQUIPMENT OPERATORS GROUP 2

Wage	Benefit
\$32.88	\$15.15

Per Diem:
0-75 mi free zone
>75 mi \$70/day

This group includes but is not limited to:

Air Doctor; Backhoe\Excavator\Shovel, up to and incl. 3 cu. yds; Bit Grinder; Bituminous Paving Travel Plant; Boring Machine, Large; Broom, Self-Propelled; Concrete Travel Batcher; Concrete Float & Spreader; Concrete Bucket Dispatcher; Concrete Finish Machine; Concrete Conveyor; Distributor; Dozer, Rubber-Tired, Push, & Side Boom; Elevating Grader\Gradall; Field Equipment Serviceman; Front-End Loader, 1 cu. yd up to and incl. 5 cu. yds; Grade Setter; Heavy Duty Drills, All Types; Hoist\Tugger, All; Hydralift Forklifts & Similar; Industrial Locomotive; Motor Patrol (except finish); Mountain Skidder; Oiler, Cranes\Shovels; Pavement Breaker, EMSCO; Power Saw, Self-Propelled; Pugmill; Pumpcrete\Grout Machine; Punch Truck; Roller, other than Asphalt; Roller, Sheepsfoot (Self-Propelled); Roller, 25 tons and over; Ross Carrier; Rotomill, under 6 ft; Trenching Machine; Washing /Screening Plant

[↑ Back to Table of Contents](#)

CONSTRUCTION EQUIPMENT OPERATORS GROUP 3

Wage	Benefit
\$38.00	\$16.35

Per Diem:
0-75 mi. free zone
>75 mi. \$110.00/Day

This group includes but is not limited to:

Asphalt Paving Machine; Asphalt Screed; Backhoe\Excavator\Shovel, over 3 cu. yds; Cableway Highline; Concrete Batch Plant; Concrete Curing Machine; Concrete Pump; Cranes, Creter; Cranes, Electric Overhead; Cranes, 24 tons and under; Curb Machine\Slip Form Paver; Finish Dozer; Front-End Loader, over 5 cu. yds; Mechanic\Welder; Pioneer Dozer; Roller Asphalt (Breakdown & Finish); Rotomill, over 6 ft; Scraper, Single, Twin, or Pulling Belly-Dump; YO-YO Cat Haul Truck, Articulating Trucks, Vac Truck.

[↑ Back to Table of Contents](#)

CONSTRUCTION EQUIPMENT OPERATORS GROUP 4

Wage	Benefit
\$38.00	\$16.35

Per Diem:
0-75 mi. free zone
>75 mi. \$110.00/Day

This group includes but is not limited to:

Asphalt\Hot Plant Operator; Cranes, 25 tons up to and incl. 44 tons; Crusher Operator; Finish Motor Patrol; Finish Scraper.

[↑ Back to Table of Contents](#)

CONSTRUCTION EQUIPMENT OPERATORS GROUP 5

Wage	Benefit
\$38.00	\$16.35

Per Diem:
0-75 mi. free zone
>75 mi. \$110.00/Day

This group includes but is not limited to:

Cranes, 45 tons up to and incl. 74 tons.

[↑ Back to Table of Contents](#)

CONSTRUCTION EQUIPMENT OPERATORS GROUP 6

Wage	Benefit
\$40.00	\$16.35

Per Diem:
0-75 mi. free zone
>75 mi. \$110.00/Day

This group includes but is not limited to:

Cranes, 75 tons up to and incl. 149 tons; Cranes, Whirley (All).

[↑ Back to Table of Contents](#)

CONSTRUCTION EQUIPMENT OPERATORS GROUP 7

Wage	Benefit
\$42.00	\$16.35

Per Diem:
0-75 mi. free zone
>75 mi. \$110.00/Day

This group includes but is not limited to:

Cranes, 150 tons up to and incl. 250 tons; Cranes, over 250 tons—add \$1.00 for every 100 tons over 250 tons; Crane, Tower (All); Crane Stiff-Leg or Derrick; Helicopter Hoist.

[↑ Back to Table of Contents](#)

CONSTRUCTION LABORERS GROUP 1/FLAG PERSON FOR TRAFFIC CONTROL

Wage	Benefit
\$23.08	\$11.82

Zone Pay:
0-30 mi. free zone
>30-60 mi. base pay + \$3.05/hr.
>60 mi. base pay + \$4.85/hr.

[↑ Back to Table of Contents](#)

CONSTRUCTION LABORERS GROUP 2

Wage	Benefit
\$26.15	\$13.44

Zone Pay:
0-30 mi. free zone
>30-60 mi. base pay + \$3.05/hr.
>60 mi. base pay + \$4.85/hr.

This group includes but is not limited to:

General Labor; Asbestos Removal; Burning Bar; Bucket Man; Carpenter Tender; Caisson Worker; Cement Mason Tender; Cement Handler (dry); Chuck Tender; Choker Setter; Concrete Worker; Curb Machine-lay Down; Crusher and Batch Worker; Heater Tender; Fence Erector; Landscape Laborer; Landscaper; Lawn Sprinkler Installer; Pipe Wrapper; Pot Tender; Powderman Tender; Rail and Truck Loaders and Unloaders; Ripraper; Sign Erection; Guardrail and Jersey Rail; Spike Driver; Stake Jumper; Signalman; Tail Hoseman; Tool Checker and Houseman and Traffic Control Worker.

[↑ Back to Table of Contents](#)

CONSTRUCTION LABORERS GROUP 3

Wage	Benefit
\$26.07	\$13.44

This group includes but is not limited to:

Concrete Vibrator; Dumpman (Grademan); Equipment Handler; Geotextile and Liners; High-Pressure Nozzleman; Jackhammer (Pavement Breaker) Non-Riding Rollers; Pipelayer; Posthole Digger (Power); Power Driven Wheelbarrow; Rigger; Sandblaster; Sod Cutter-Power and Tamper.

[↑ Back to Table of Contents](#)

Zone Pay:

0-30 mi. free zone
>30-60 mi. base pay + \$3.05/hr.
>60 mi. base pay + \$4.85/hr.

CONSTRUCTION LABORERS GROUP 4

Wage	Benefit
\$26.76	\$11.82

This group includes but is not limited to:

Hod Carrier***; Water Well Laborer; Blaster; Wagon Driller; Asphalt Raker; Cutting Torch; Grade Setter; High-Scaler; Power Saws (Faller & Concrete); Powderman; Rock & Core Drill; Track or Truck Mounted Wagon Drill and Welder incl. Air Arc

[↑ Back to Table of Contents](#)

Zone Pay:

0-30 mi. free zone
>30-60 mi. base pay + \$3.05/hr.
>60 mi. base pay + \$4.85/hr.

***Hod Carriers will receive the same amount of travel and/or subsistence pay as bricklayers when requested to travel.

DIVERS

Stand-By	No Rate Established
Diving	No Rate Established

Depth Pay (Surface Diving)

0-20 ft.	free zone
>20-100 ft.	\$2.00 per ft.
>100-150 ft.	\$3.00 per ft.
>150-220 ft.	\$4.00 per ft.
>220 ft.	\$5.00 per ft.

Diving In Enclosures

0-25 ft.	free zone
>25-300 ft.	\$1.00 per ft.

[↑ Back to Table of Contents](#)

Zone Pay:

0-30 mi. free zone
>30-60 mi. base pay + \$4.00/hr.
>60 mi. base pay + \$6.00/hr.

DIVER TENDERS

No Rate Established

The tender shall receive 2 hours at the straight time pay rate per shift for dressing and/or undressing a Diver when work is done under hyperbaric conditions.

[↑ Back to Table of Contents](#)

Zone Pay:

0-30 mi. free zone
>30-60 mi. base pay + \$4.00/hr.
>60 mi. base pay + \$6.00/hr.

ELECTRICIANS

Wage	Benefit
\$38.86	\$17.84

Travel:

No mileage due when traveling in employer's vehicle.

The following travel allowance is applicable when traveling in employee's vehicle:

0-18 mi. free zone
>18-60 mi. federal mileage rate/mi.

Per Diem

District 4

>60 mi. \$80.00/day
Per Diem in Big Sky and West Yellowstone \$125/day.

[↑ Back to Table of Contents](#)

INSULATION WORKERS - MECHANICAL (HEAT AND FROST)

No Rate Established

Duties Include:

Insulate pipes, ductwork or other mechanical systems.

Travel:

0-30 mi. free zone
>30-40 mi. \$25.00/day
>40-50 mi. \$35.00/day
>50-60 mi. \$45.00/day
>60 mi. \$130.00/day plus

- \$0.56/mi. if transportation is not provided.
- \$0.20/mi. if in company vehicle.

[↑ Back to Table of Contents](#)

IRONWORKERS – REINFORCING IRON AND REBAR WORKERS

Wage	Benefit
\$34.83	\$28.07

Travel:
All Districts
0-45 mi. free zone
>45-85 mi. \$100.00/day
>85 mi. \$150.00/day

Duties Include:

Structural steel erection; assemble prefabricated metal buildings; cut, bend, tie, and place rebar; energy producing windmill type towers; metal bleacher seating; handrail fabrication and ornamental steel.

[↑ Back to Table of Contents](#)

IRONWORKERS – STRUCTURAL IRON AND STEEL WORKERS

Wage	Benefit
\$34.83	\$28.07

Travel:
All Districts
0-45 mi. free zone
>45-85 mi. \$100.00/day
>85 mi. \$150.00/day

Duties Include:

Structural steel erection; assemble prefabricated metal buildings; cut, bend, tie, and place rebar; energy producing windmill type towers; metal bleacher seating; handrail fabrication and ornamental steel.

LINE CONSTRUCTION – EQUIPMENT OPERATORS

No Rate Established

Duties Include:

All work on substations

Travel:
No Free Zone
\$60.00/day

[↑ Back to Table of Contents](#)

LINE CONSTRUCTION – GROUNDMAN

Wage	Benefit
\$29.09	\$8.36

Travel:
No Free Zone
\$60.00/day

Duties Include:

All work on substations

[↑ Back to Table of Contents](#)

LINE CONSTRUCTION – LINEMAN

Wage	Benefit
\$52.11	\$18.75

Travel:
No Free Zone
\$60.00/day

Duties Include:

All work on substations

[↑ Back to Table of Contents](#)

MILLWRIGHTS

Wage	Benefit
\$45.26	\$21.25

Zone Pay:
0-30 mi. free zone
>30-60 mi. base pay + \$4.00/hr.
>60 mi. base pay + \$6.00/hr.

[↑ Back to Table of Contents](#)

PAINTERS

Wage	Benefit
\$25.00	No Rate Established

Travel and Per Diem:
No travel or per diem established.

[↑ Back to Table of Contents](#)

PILE BUCKS

Wage	Benefit
\$36.49	\$14.33

Zone Pay:
0-30 mi. free zone
>30-60 mi. base pay + \$4.00/hr.
>60 mi. base pay + \$6.00/hr.

Duties Include:

Set up crane; set up hammer; weld tips on piles; set leads; insure piles are driven straight with the use of level or plum bob. Give direction to crane operator as to speed, and direction of swing. Cut piles to grade.

[↑ Back to Table of Contents](#)

PLUMBERS, PIPEFITTERS, AND STEAMFITTERS

Wage	Benefit
\$45.60	\$21.26

Travel:
District 4
0-70 free zone
>70 mi.
▪ On jobs when employees do not work consecutive days: \$0.55/mi. if employer doesn't provide transportation. Not to exceed two trips.
▪ On jobs when employees work any number of consecutive days: \$110.00/day.

Duties Include:

Assemble, install, alter, and repair pipe-lines or pipe systems that carry water, steam, air, other liquids or gases. Testing of piping systems, commissioning and retro-commissioning. Workers in this occupation may also install heating and cooling equipment and mechanical control systems.

[↑ Back to Table of Contents](#)

SPRINKLER FITTERS

No Rate Established

Duties Include:

Duties Include but not limited to any and all fire protection systems: Installation, dismantling, inspection, testing, maintenance, repairs, adjustments, and corrections of all fire protection and fire control systems, including both overhead and underground water mains, all piping, fire hydrants, standpipes, air lines, tanks, and pumps used in connection with sprinkler and alarm systems.

[↑ Back to Table of Contents](#)

TRUCK DRIVERS

Pilot Car Driver	No Rate Established	
	Wage	Benefit
Truck Driver	\$31.28	\$9.37

Truck drivers include but are not limited to:

Combination Truck and Concrete Mixer and Transit Mixer; Dry Batch Trucks; Distributor Driver; Dumpman; Dump Trucks and similar equipment; Dumpster; Flat Trucks; Lumber Carriers; Lowboys; Pickup; Powder Truck Driver; Power Boom; Serviceman; Service Truck/Fuel Truck/Tireperson; Truck Mechanic; Trucks with Power Equipment; Warehouseman, Partsman, Cardex and Warehouse Expeditor; Water Trucks.

[↑ Back to Table of Contents](#)

Travel

The following travel allowance is applicable when traveling in employee's vehicle.

- 0-60 mi. free zone
- >60-80 mi. \$23.00/day
- >80-100 mi. \$33.00/day
- >100 mi. \$125.00/day + the IRS rate per mile and \$8.92 for every 15 miles traveled for one trip out and one trip back

No travel allowance required when in employer's vehicle except when staying the night.

- >100 mi. \$125.00/day

Zone Pay:

All Districts

- 0-30 mi. free zone
- >30-60 mi. base pay + \$3.05/hr.
- >60 mi. base pay + \$.485/hr.

Special Provision:

Zone pay only applies to the Truck Driver classification. No zone pay was established for Pilot Car Driver.